

# Converting Colors

XYZ(73.0596, 84.5213,  
102.4161)

Have a look what the booklet for  
XYZ(73.0596, 84.5213, 102.4161)  
contains.

<b>XYZ(73.0806, 84.6214, 102.1043)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**XYZ(73.0806, 84.6214,  
102.1043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5F6F9
RGB	197, 246, 249
RGB Percent	77%, 96%, 98%
CMY	0.2274, 0.0353, 0.0235
CMYK	0.21, 0.01, 0.00, 0.02
HSL	183°, 81%, 87%
HSV	183°, 21%, 98%
XYZ	73.0806, 84.6214, 102.1043
YIQ	231.6910, -30.1670, -9.4550

# Conversions

## Conversions Part 2

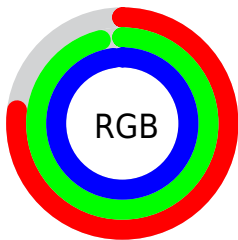
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 222, 249
Decimal	12973817
CIE <sub>Lab</sub>	93.72, -14.87, -6.59
CIE <sub>LCh</sub>	94, 16.262, 203.900
Yxy	84.6214, 0.2813, 0.3257
Android (android.graphics.Color)	4291163897 (0xFFC5F6F9)
YUV	231.6910, 8.5333, -30.4240
Hunter-Lab	91.9899, -19.1745, -1.4161

# Details

The XYZ color **73.0806, 84.6214, 102.1043** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.8000, 65.4797, 61.7849**, and the grayscale version is **76.4272, 80.4073, 87.5636**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **39.1944, 46.4280, 57.3478** is the 20% darker color. If you saturate the color by 10%, you get **66.6574, 80.6668, 101.6809**, and if you desaturate by 10%, it is **80.5891, 89.1448, 102.5830**.

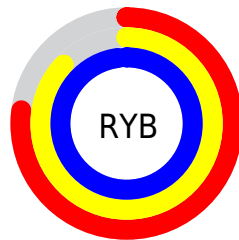
# Distribution



Red (77%)

Green (96%)

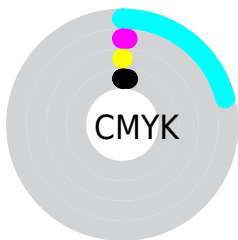
Blue (98%)



Red (77%)

Yellow (87%)

Blue (98%)

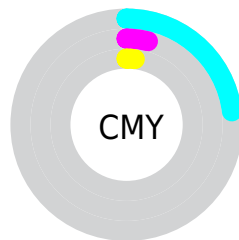


Cyan (21%)

Magenta (1%)

Yellow (0%)

Black (2%)



Cyan (23%)

Magenta (4%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0806, 84.6214, 102.1043 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.0806, 84.6214, 102.1043 by changing the saturation by 10% instead.



73.0806, 84.6214,  
102.1043

73.0806, 84.6214,  
102.1043

460.3936,  
510.3745, 588.2226

54.3305, 63.5286,  
77.4324

122.5941,  
139.8441, 166.1230

39.0977, 46.2690,  
57.0942

154.0883,  
174.7428, 206.3069

27.0168, 32.4581,  
40.6710

190.5611,  
215.0122, 252.4986

17.7225, 21.7117,  
27.7443

232.3780,  
261.0368, 305.1166

10.8494, 13.6452,  
17.8957

279.9044,  
313.2009, 364.5795

6.0322, 7.8743,  
10.7064

333.5055,

2.9055, 4.0146,

371.8890, 431.3058

5.7581

393.5468,  
437.4854, 505.7139

■ 1.1040, 1.6817,  
2.6322

■ 0.0285, 0.4118,  
0.9090

■ 73.0806, 84.6214,  
102.1043

■ 73.0806, 84.6214,  
102.1043

■ 66.6574, 80.6668,  
101.6809

■ 80.5891, 89.1448,  
102.5830

■ 61.2591, 77.2434,  
101.3046

■ 89.2245, 94.2521,  
103.1137

■ 56.8309, 74.3251,  
100.9747

■ 92.6211, 96.6637,  
103.4002

■ 53.3100, 71.8794,  
100.6883

■ 93.0695, 97.5604,  
103.5496

■ 50.6259, 69.8702,  
100.4419

■ 93.5213, 98.4639,  
103.7002

■ 48.6980, 68.2557,  
100.2319

■ 93.9764, 99.3742,  
103.8519

■ 47.4296, 66.9861,  
100.0537

■ 94.0991, 99.6197,  
103.8928

■ 46.7078, 66.0569,  
99.9124

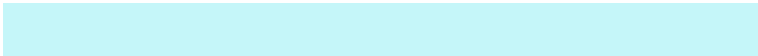
# Harmonies

## Analogous

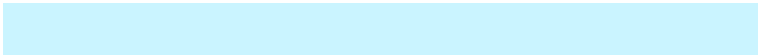
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4590, 84.6214, 89.6363



73.0806, 84.6214, 102.1043



75.6400, 84.6214, 112.7019

# Triad

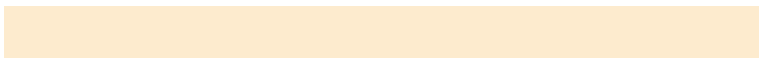
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0806, 84.6214, 102.1043



87.3219, 84.6214, 106.8597



81.3150, 84.6214, 70.4732

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



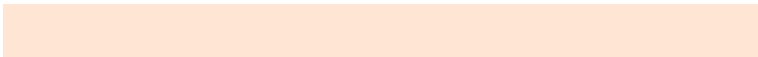
73.0806, 84.6214, 102.1043



69.8000, 65.4797, 61.7849

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.4183, 84.6214, 74.2418



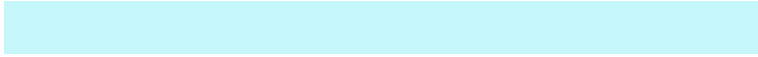
73.0806, 84.6214, 102.1043



88.9653, 84.6214, 94.6865

# Square

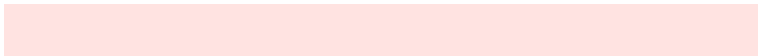
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0806, 84.6214, 102.1043



83.8386, 84.6214, 115.6146



88.2565, 84.6214, 82.8429

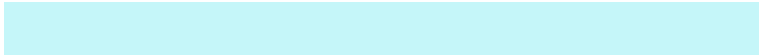


77.1153, 84.6214, 72.0767

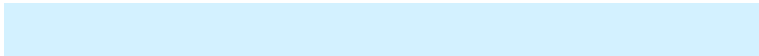


# Rectangle

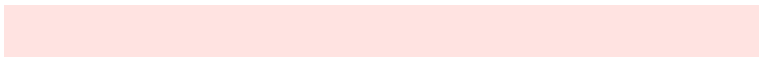
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



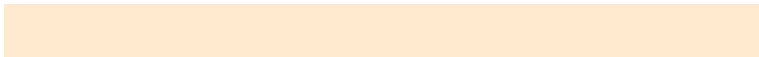
73.0806, 84.6214, 102.1043



78.1511, 84.6214, 116.9055



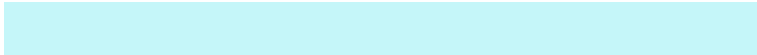
88.2565, 84.6214, 82.8429



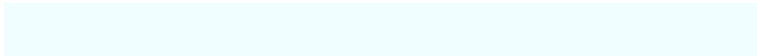
82.7530, 84.6214, 71.1423

# Sweetspot

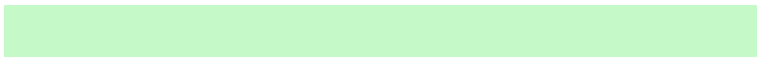
The Sweet Spot groups the original color and five complimentary colors.



73.0831, 84.6249, 102.1062



89.3628, 96.6515, 108.5534



67.2818, 83.7746, 67.0244



19.0005, 20.6123, 23.2271



0.0000, 0.0000, 0.0000

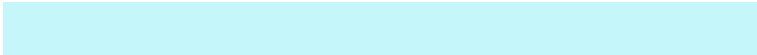


20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0831, 84.6249, 102.1062



74.1979, 87.5271, 107.5915



65.8247, 70.1081, 99.6868



17.6751, 19.4271, 22.2035



25.0384, 35.4323, 53.4930



2.3443, 3.3323, 4.9628



# Inverse Universe

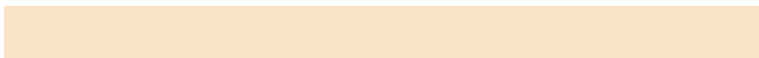
The Inverse Universe completely reimagines the original color for something new.



75.6697, 66.7279, 96.0843



77.3894, 65.6164, 100.1228



76.2341, 78.3480, 63.9297



17.9473, 17.5063, 21.5782



28.9302, 13.9878, 43.2026

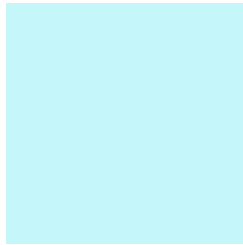


2.6922, 1.3006, 4.0687



# Previews

## White Background



This preview shows how the XYZ color 73.0806, 84.6214, 102.1043 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

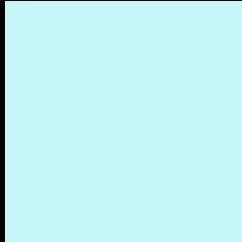
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.0806, 84.6214, 102.1043 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

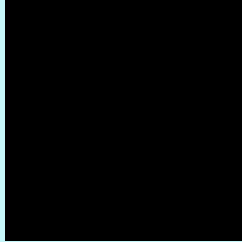
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 73.0806, 84.6214, 102.1043

## Background



This preview shows how black text looks on a background with the XYZ color 73.0806, 84.6214, 102.1043.



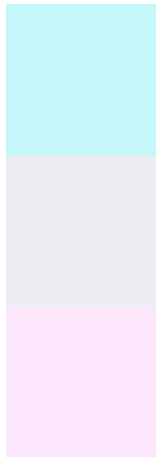
This preview shows how white text looks on a background with the XYZ color 73.0806, 84.6214,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

73.0806, 84.6214, 102.1043

### Protanopia

81.3319, 84.1782, 95.9658

### Deuteranopia

86.0124, 84.3174, 103.8370



## **Tritanopia**

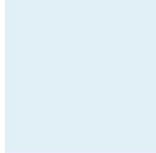
76.6567, 84.1276, 106.8058

# Trichromacy



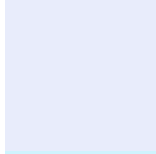
## Original Color

73.0806, 84.6214, 102.1043



## Protanomaly

78.0884, 84.1729, 98.5175



## Deuteranomaly

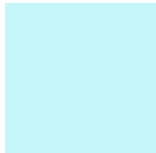
80.6868, 84.1117, 103.2493



## Tritanomaly

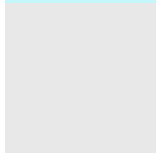
75.5123, 84.4584, 105.2507

# Monochromacy



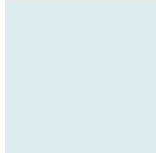
## Original Color

73.0806, 84.6214, 102.1043



## Achromatopsia

76.7008, 80.6952, 87.8771



## Achromatomaly

74.9302, 81.8015, 92.7289

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.0806, 84.6214, 102.1043 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(197, 246, 249)` looks like.

```
.text, #text, p{  
    color:rgb(197, 246, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(197, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 246, 249) }
```

## Border

The CSS property to change the border of an element to XYZ 73.0806, 84.6214, 102.1043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 246, 249) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(197, 246, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(197, 246, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 246, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 246, 249);  
box-shadow:4px 4px 4px 4px rgb(197, 246,  
249) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.0806, 84.6214, 102.1043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 246, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(197,  
246, 249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor