

# Converting Colors

XYZ(75.4179, 86.2610,  
103.1176)

Have a look what the booklet for  
XYZ(75.4179, 86.2610, 103.1176)  
contains.

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# **Color**

**XYZ(75.4179, 86.2610,  
103.1176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCF7FA
RGB	204, 247, 250
RGB Percent	80%, 97%, 98%
CMY	0.2000, 0.0314, 0.0196
CMYK	0.18, 0.01, 0.00, 0.02
HSL	184°, 82%, 89%
HSV	184°, 18%, 98%
XYZ	75.4179, 86.2610, 103.1176
YIQ	234.4850, -26.5910, -8.1830

# Conversions

## Conversions Part 2

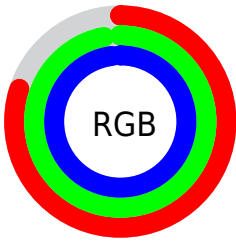
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 226, 250
Decimal	13432826
CIE <sub>Lab</sub>	94.42, -13.07, -6.02
CIE <sub>LCh</sub>	94, 14.390, 204.730
Yxy	86.2610, 0.2848, 0.3258
Android (android.graphics.Color)	4291622906 (0xFFCCCF7FA)
YUV	234.4850, 7.6489, -26.7353
Hunter-Lab	92.8768, -17.5887, -0.8137

# Details

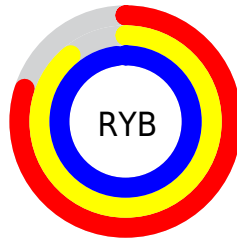
The XYZ color **75.4179, 86.2610, 103.1176** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.6370, 69.3093, 66.6780**, and the grayscale version is **78.5345, 82.6244, 89.9780**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7628, 47.5462, 58.0678** is the 20% darker color. If you saturate the color by 10%, you get **68.6129, 82.0190, 102.6589**, and if you desaturate by 10%, it is **83.3321, 91.0858, 103.6332**.

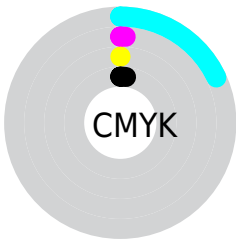
# Distribution



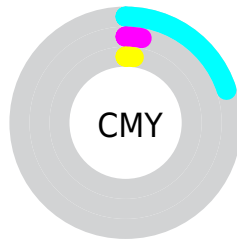
- Red (80%)
- Green (97%)
- Blue (98%)



- Red (80%)
- Yellow (89%)
- Blue (98%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (3%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4179, 86.2610, 103.1176 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 75.4179, 86.2610, 103.1176 by changing the saturation by 10% instead.



75.4179, 86.2610,  
103.1176

75.4179, 86.2610,  
103.1176

468.3278,  
515.7914, 591.4742

56.2507, 64.8838,  
78.2754

125.8885,  
142.1337, 167.5240

40.6417, 47.3669,  
57.7824

157.9226,  
177.3979, 207.9253

28.2257, 33.3258,  
41.2202

194.9764,  
218.0600, 254.3501

18.6372, 22.3761,  
28.1702

237.4152,  
264.5043, 307.2168

11.5109, 14.1335,  
18.2138

285.6044,  
317.1152, 366.9440

6.4814, 8.2136,  
10.9326

339.9093,

3.1833, 4.2319,

376.2771, 433.9503

5.9079

400.6953,  
442.3744, 508.6542

■ 1.2514, 1.8041,  
2.7213

■ 0.1464, 0.4897,  
0.9541

■ 75.4179, 86.2610,  
103.1176

■ 75.4179, 86.2610,  
103.1176

■ 68.6129, 82.0190,  
102.6589

■ 83.3321, 91.0858,  
103.6332

■ 62.8572, 78.3221,  
102.2486

■ 92.3969, 96.5080,  
104.2020

■ 58.0967, 75.1446,  
101.8862

■ 93.2718, 97.7147,  
104.3888

■ 54.2693, 72.4546,  
101.5687

■ 93.7852, 98.7414,  
104.5599

■ 51.3062, 70.2165,  
101.2929

■ 94.2556, 99.6822,  
104.7167

■ 49.1286, 68.3898,  
101.0551

■ 47.6439, 66.9267,  
100.8509

■ 46.7215, 65.7597,  
100.6743

■ 46.5973, 65.5856,  
100.6473

# Harmonies

## Analogous

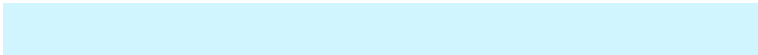
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8043, 86.2610, 91.9808



75.4179, 86.2610, 103.1176



77.7690, 86.2610, 112.4064

# Triad

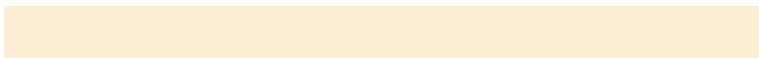
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4179, 86.2610, 103.1176



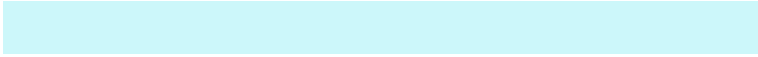
88.2109, 86.2610, 106.7658



82.6735, 86.2610, 74.2725

# Complementary

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



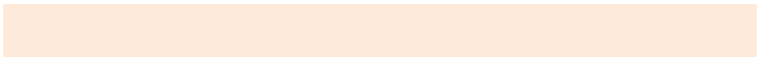
75.4179, 86.2610, 103.1176



72.6370, 69.3093, 66.6780

# 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.



86.3579, 86.2610, 77.5867



75.4179, 86.2610, 103.1176



89.6186, 86.2610, 95.8935

# Square

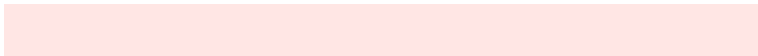
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4179, 86.2610, 103.1176



85.1389, 86.2610, 114.6260



88.9300, 86.2610, 85.2929



78.9168, 86.2610, 75.8772

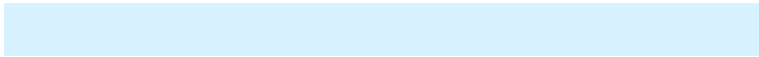


# Rectangle

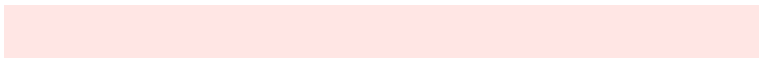
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



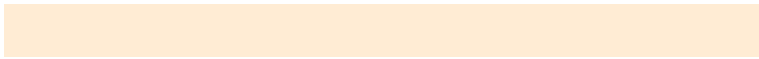
75.4179, 86.2610, 103.1176



80.0455, 86.2610, 116.0032



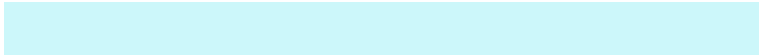
88.9300, 86.2610, 85.2929



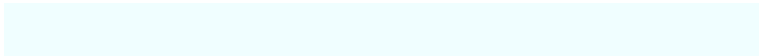
83.9627, 86.2610, 74.8400

# Sweetspot

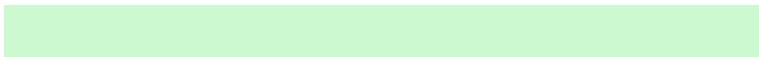
The Sweet Spot groups the original color and five complimentary colors.



75.4204, 86.2645, 103.1195



89.3263, 96.5785, 108.5413



70.2660, 85.6810, 71.4200



18.9918, 20.5950, 23.2242



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

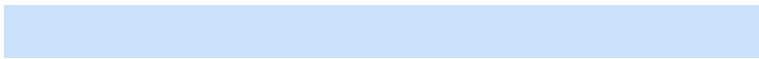
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4204, 86.2645, 103.1195



76.1818, 88.5587, 107.6861



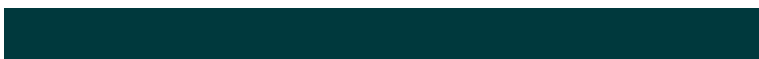
69.0029, 73.4295, 100.9804



17.6633, 19.4035, 22.1996



24.7580, 34.8715, 53.3995



2.3214, 3.2864, 4.9552



# Inverse Universe

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



77.8077, 70.2269, 97.4540



79.1075, 69.0477, 100.7105



78.4273, 80.8900, 68.6081



17.9414, 17.5039, 21.5469



28.7887, 13.9312, 42.4572

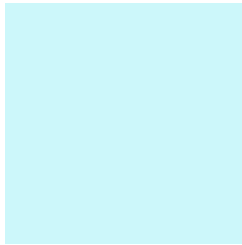


2.6806, 1.2960, 4.0077



# Previews

## White Background



This preview shows how the XYZ color 75.4179, 86.2610, 103.1176 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

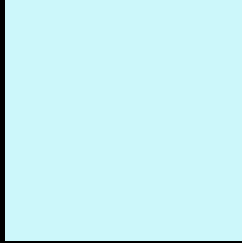
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.4179, 86.2610, 103.1176 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

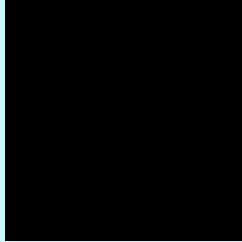
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 75.4179, 86.2610, 103.1176

## Background



This preview shows how black text looks on a background with the XYZ color 75.4179, 86.2610, 103.1176.



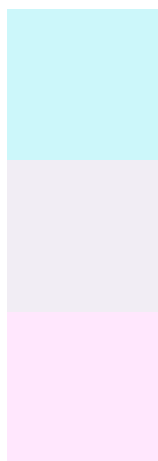
This preview shows how white text looks on a background with the XYZ color 75.4179, 86.2610,



# 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

75.4179, 86.2610, 103.1176

### Protanopia

82.8889, 85.8008, 97.7804

### Deuteranopia

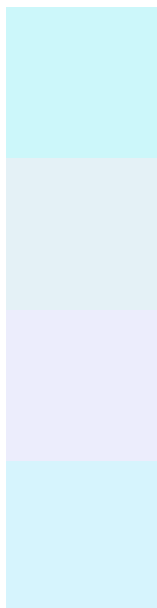
87.5455, 85.5037, 104.8182



## Tritanopia

79.0155, 85.7843, 107.0012

# Trichromacy



## Original Color

75.4179, 86.2610, 103.1176

## Protanomaly

80.0848, 86.0584, 99.5788

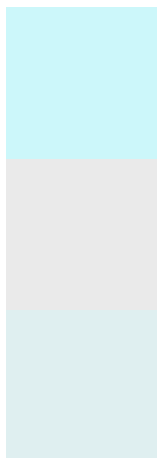
## Deuteranomaly

82.4469, 85.4295, 104.2396

## Tritanomaly

77.8119, 86.0894, 105.4443

# Monochromacy



## Original Color

75.4179, 86.2610, 103.1176

## Achromatopsia

78.2058, 82.2786, 89.6014

## Achromatomaly

77.0261, 83.7122, 94.5364

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.4179, 86.2610, 103.1176 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(204, 247, 250)` looks like.

```
.text, #text, p{  
    color:rgb(204, 247, 250)  
}
```

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(204, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 247, 250) }
```

## Border

The CSS property to change the border of an element to XYZ 75.4179, 86.2610, 103.1176 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(204, 247, 250) }
```



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

```
.border{ border-color:rgb(204, 247, 250) }
```

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

Here you see how a box with a 4 pixel rgb(204, 247, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 247, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 247, 250);  
box-shadow:4px 4px 4px 4px rgb(204, 247,  
250) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.4179, 86.2610, 103.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 247, 250) }
```

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

```
.background{ background-color: rgb(204,  
247, 250) }
```

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](#).

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