

# Converting Colors

XYZ(74.4250, 82.2725,  
105.0629)

Have a look what the booklet for  
XYZ(74.4250, 82.2725, 105.0629)  
contains.

<b>XYZ(74.3283, 82.0903, 104.8560)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(74.3283, 82.0903,  
104.8560)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFEFFF
RGB	207, 239, 253
RGB Percent	81%, 94%, 99%
CMY	0.1882, 0.0627, 0.0078
CMYK	0.18, 0.06, 0.00, 0.01
HSL	198°, 92%, 90%
HSV	198°, 18%, 99%
XYZ	74.3283, 82.0903, 104.8560
YIQ	231.0280, -23.5660, -2.4300

# Conversions

## Conversions Part 2

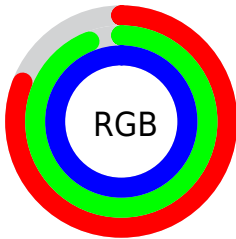
Format	Color
R <sub>Y</sub> B	207, 226, 253
Decimal	13627389
CIE Lab	92.61, -7.51, -10.24
CIE LCh	93, 12.697, 233.726
Yxy	82.0903, 0.2845, 0.3142
Android (android.graphics.Color)	4291817469 (0xFFCFE9FD)
YUV	231.0280, 10.8322, -21.0726
Hunter-Lab	90.6037, -12.1209, -5.1940

# Details

The XYZ color **74.3283, 82.0903, 104.8560** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.6277, 77.1006, 69.8237**, and the grayscale version is **75.9130, 79.8664, 86.9745**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8462, 44.5279, 58.7192** is the 20% darker color. If you saturate the color by 10%, you get **65.6129, 74.3245, 103.8177**, and if you desaturate by 10%, it is **84.2771, 90.6387, 105.9830**.

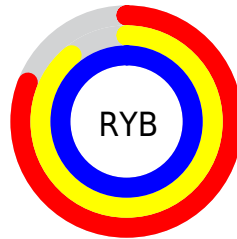
# Distribution



Red (81%)

Green (94%)

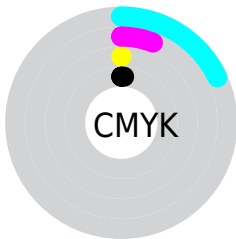
Blue (99%)



Red (81%)

Yellow (89%)

Blue (99%)

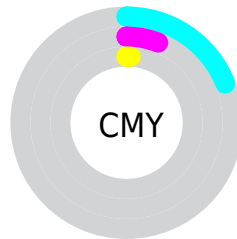


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (1%)



Cyan (19%)

Magenta (6%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3283, 82.0903, 104.8560 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 74.3283, 82.0903, 104.8560 by changing the saturation by 10% instead.



■ 74.3283, 82.0903,  
104.8560

■ 74.3283, 82.0903,  
104.8560

464.6385,  
501.9497, 597.0309

■ 55.3550, 61.4400,  
79.7227

124.3541,  
136.3006, 169.9244

■ 39.9210, 44.5803,  
58.9654

156.1373,  
170.6294, 210.6967

■ 27.6609, 31.1270,  
42.1654

192.9212,  
210.2865, 257.5191

■ 18.2093, 20.6956,  
28.9043

235.0712,  
255.6562, 310.8100

■ 11.2010, 12.9017,  
18.7635

282.9525,  
307.1230, 370.9882

■ 6.2705, 7.3609,  
11.3244

336.9306,

■ 3.0525, 3.6888,

365.0712, 438.4720

6.1686

397.3708,  
429.8853, 513.6801

■ 1.1816, 1.5010,  
2.8774

■ 0.0917, 0.2895,  
1.0324

■ 74.3283, 82.0903,  
104.8560

■ 74.3283, 82.0903,  
104.8560

■ 65.6129, 74.3245,  
103.8177

■ 84.2771, 90.6387,  
105.9830

■ 58.0687, 67.3011,  
102.8597

■ 94.5393, 99.4908,  
107.1507

■ 51.6386, 60.9910,  
101.9806

■ 94.7299, 99.8720,  
107.2142

■ 46.2577, 55.3590,  
101.1771

■ 41.8540, 50.3660,  
100.4455

■ 38.3456, 45.9680,  
99.7815

■ 35.6358, 42.1132,  
99.1803

■ 33.5923, 38.7314,  
98.6352

■ 33.2587, 38.1497,  
98.5405

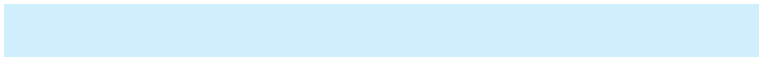
# Harmonies

## Analogous

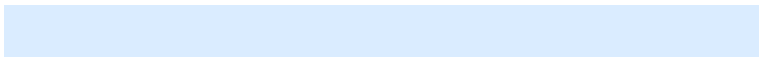
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3556, 82.0903, 96.8993



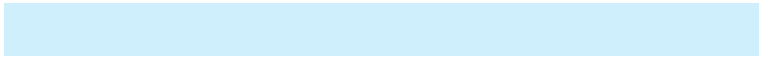
74.3283, 82.0903, 104.8560



77.3327, 82.0903, 108.7003

# Triad

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



74.3283, 82.0903, 104.8560



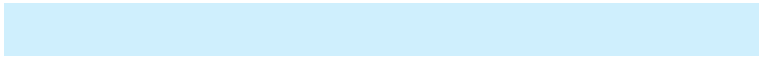
84.5064, 82.0903, 91.3840



75.4978, 82.0903, 73.7495

# Complementary

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



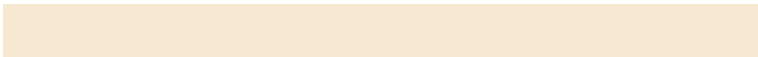
74.3283, 82.0903, 104.8560



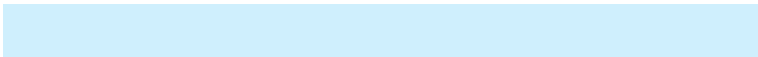
77.6277, 77.1006, 69.8237

# Split Complementary

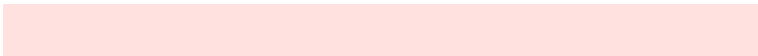
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.7202, 82.0903, 72.5006



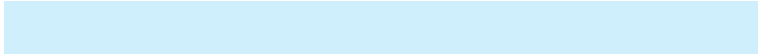
74.3283, 82.0903, 104.8560



83.9817, 82.0903, 82.2646

# Square

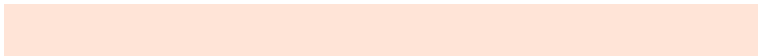
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3283, 82.0903, 104.8560



83.2552, 82.0903, 100.5766



81.8410, 82.0903, 75.5112

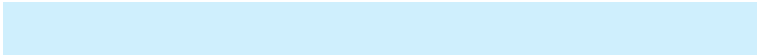


73.0174, 82.0903, 79.0512



# Rectangle

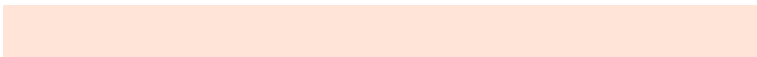
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3283, 82.0903, 104.8560



79.5404, 82.0903, 108.2334



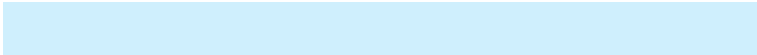
81.8410, 82.0903, 75.5112



76.5277, 82.0903, 72.8581

# Sweetspot

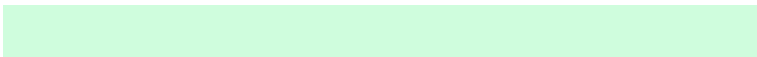
The Sweet Spot groups the original color and five complimentary colors.



74.3307, 82.0937, 104.8578



89.2886, 95.2111, 108.2793



73.8835, 88.7273, 81.5006



18.9438, 20.2386, 23.1579



0.0000, 0.0000, 0.0000

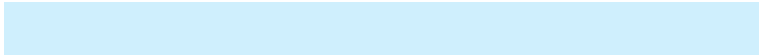


20.3446, 21.4041, 23.3091

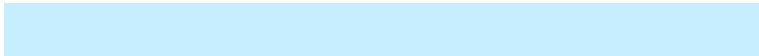


# Same Dimension

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



74.3307, 82.0937, 104.8578



72.1308, 80.4567, 106.3357



68.0705, 69.5733, 102.7711



18.0610, 19.4936, 23.0607



17.8267, 20.5631, 52.4641



1.8322, 2.1950, 5.1404



# Inverse Universe

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



78.4028, 71.7422, 91.3806



77.0627, 68.2298, 89.9429



84.0625, 89.9702, 71.9686



18.5434, 18.2007, 21.4789



25.7863, 12.8038, 23.3230

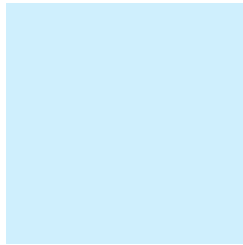


2.5594, 1.2661, 2.5272



# Previews

## White Background



This preview shows how the XYZ color 74.3283, 82.0903, 104.8560 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

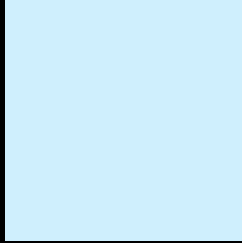
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.3283, 82.0903, 104.8560 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

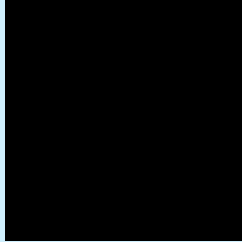
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 74.3283, 82.0903, 104.8560

## Background



This preview shows how black text looks on a background with the XYZ color 74.3283, 82.0903, 104.8560.



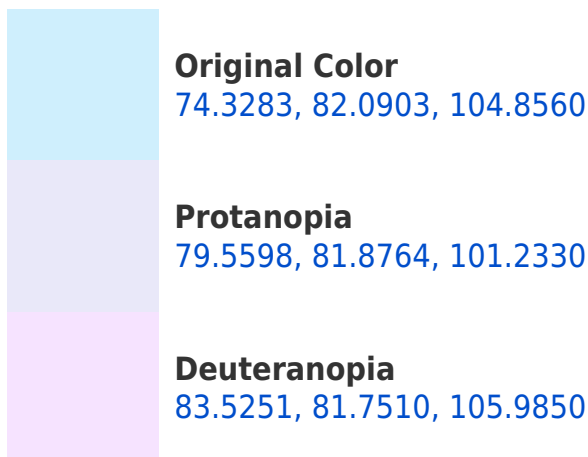
This preview shows how white text looks on a background with the XYZ color 74.3283, 82.0903,



# 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





## Tritanopia

75.4885, 82.2180, 106.4987

# Trichromacy



## Original Color

74.3283, 82.0903, 104.8560

## Protanomaly

77.7041, 82.1661, 102.2067

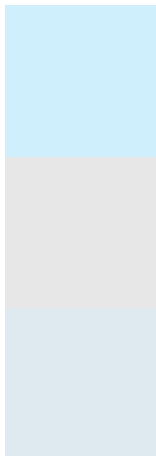
## Deuteranomaly

79.7440, 81.4634, 105.2870

## Tritanomaly

75.0423, 82.0065, 105.6396

# Monochromacy



## Original Color

74.3283, 82.0903, 104.8560

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

75.1270, 80.6072, 93.2605

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.3283, 82.0903, 104.8560 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(207, 239, 253)` looks like.

```
.text, #text, p{  
    color:rgb(207, 239, 253)  
}
```

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(207, 239, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 239, 253) }
```

## Border

The CSS property to change the border of an element to XYZ 74.3283, 82.0903, 104.8560 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".

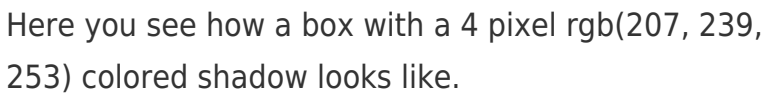
```
.border, #border, table{ border:4px solid rgb(207, 239, 253) }
```



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

```
.border{ border-color:rgb(207, 239, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 239, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 239, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 239, 253);  
box-shadow:4px 4px 4px 4px rgb(207, 239,  
253) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.3283, 82.0903, 104.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 239, 253) }
```

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

```
.background{ background-color: rgb(207,  
239, 253) }
```

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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