

Converting Colors

XYZ(75.9690, 81.8762,
118.5980)

Have a look what the booklet for
XYZ(75.9690, 81.8762, 118.5980)
contains.

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Color

**XYZ(73.5110, 80.7675,
106.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	CDEDFF
RGB	205, 237, 255
RGB Percent	80%, 93%, 100%
CMY	0.1961, 0.0706, 0.0000
CMYK	0.20, 0.07, 0.00, 0.00
HSL	202°, 100%, 90%
HSV	202°, 20%, 100%
XYZ	73.5110, 80.7675, 106.3230
YIQ	229.4840, -24.8500, -1.1860

Conversions

Conversions Part 2

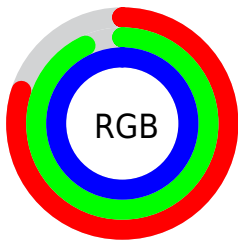
Format	Color
R _Y B	205, 225, 255
Decimal	13495807
CIE Lab	92.03, -6.68, -12.16
CIE LCh	92, 13.878, 241.232
Yxy	80.7675, 0.2821, 0.3099
Android (android.graphics.Color)	4291685887 (0xFFCDEDFF)
YUV	229.4840, 12.5794, -21.4725
Hunter-Lab	89.8707, -11.2673, -7.2345

Details

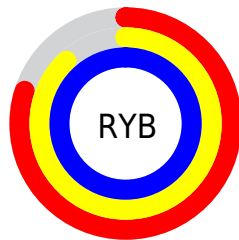
The XYZ color **73.5110, 80.7675, 106.3230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.6468, 78.4420, 68.7549**, and the grayscale version is **74.7578, 78.6510, 85.6509**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2946, 43.6090, 59.7724** is the 20% darker color. If you saturate the color by 10%, you get **64.4526, 72.2553, 105.1574**, and if you desaturate by 10%, it is **83.8561, 90.1491, 107.5886**.

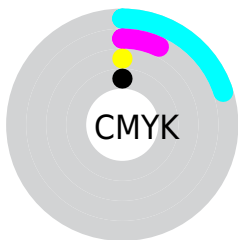
Distribution



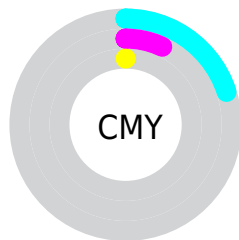
- Red (80%)
- Green (93%)
- Blue (100%)



- Red (80%)
- Yellow (88%)
- Blue (100%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5110, 80.7675, 106.3230 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 73.5110, 80.7675, 106.3230 by changing the saturation by 10% instead.

73.5110, 80.7675,
106.3230

73.5110, 80.7675,
106.3230

461.8604,
497.5156, 601.6991

54.6838, 60.3501,
80.9453

123.2016,
134.4443, 171.9470

39.3814, 43.7009,
59.9658

154.7957,
168.4724, 213.0305

27.2386, 30.4354,
42.9660

191.3761,
207.8064, 260.1862

17.8900, 20.1693,
29.5272

233.3081,
252.8304, 313.8329

10.9703, 12.5182,
19.2310

280.9573,
303.9289, 374.3890

6.1140, 7.0976,
11.6588

334.6888,

2.9558, 3.5232,

361.4864, 442.2730

6.3921

394.8680,
425.8871, 517.9035

■ 1.1305, 1.4106,
3.0123

■ 0.0504, 0.2245,
1.1009

■ 73.5110, 80.7675,
106.3230

■ 73.5110, 80.7675,
106.3230

■ 64.4526, 72.2553,
105.1574

■ 83.8561, 90.1491,
107.5886

■ 56.6169, 64.5703,
104.0870

95.0500, 100.0000,
108.9000

■ 49.9441, 57.6806,
103.1089

■ 44.3660, 51.5481,
102.2192

■ 39.8072, 46.1305,
101.4138

■ 36.1813, 41.3802,
100.6880

■ 33.3863, 37.2411,
100.0363

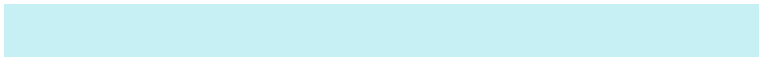
■ 31.2631, 33.6276,
99.4508

■ 31.1863, 33.4926,
99.4288

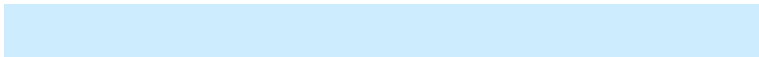
Harmonies

Analogous

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



71.0464, 80.7675, 98.5333



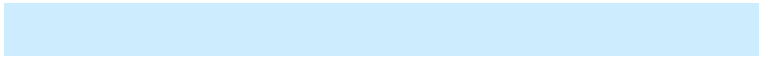
73.5110, 80.7675, 106.3230



76.9148, 80.7675, 109.0950

Triad

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



73.5110, 80.7675, 106.3230



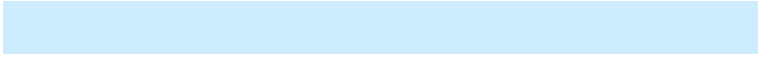
83.8357, 80.7675, 87.5200



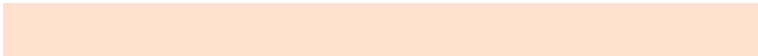
73.2629, 80.7675, 72.1819

Complementary

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



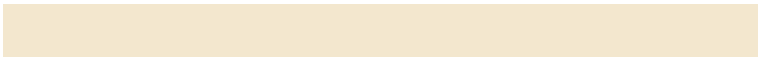
73.5110, 80.7675, 106.3230



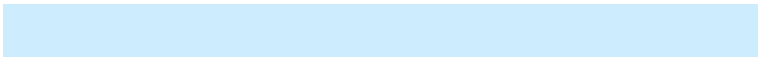
78.6468, 78.4420, 68.7549

Split Complementary

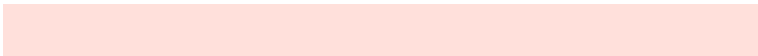
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6196, 80.7675, 69.7170



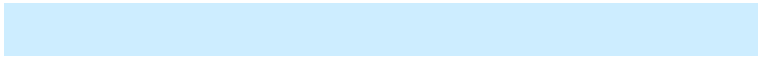
73.5110, 80.7675, 106.3230



82.7869, 80.7675, 78.1384

Square

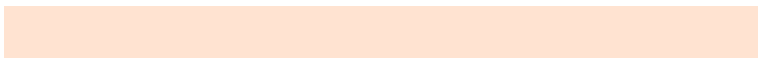
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



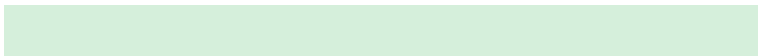
73.5110, 80.7675, 106.3230



82.9422, 80.7675, 97.7456



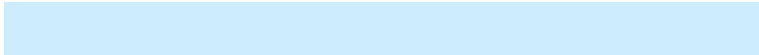
80.1179, 80.7675, 71.8119



70.9063, 80.7675, 78.8170

Rectangle

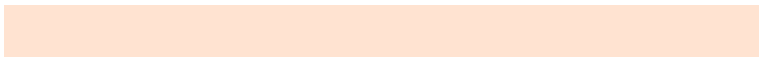
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5110, 80.7675, 106.3230



79.2797, 80.7675, 107.5669



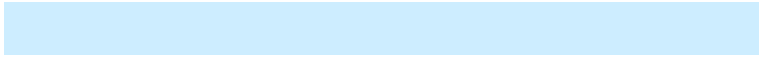
80.1179, 80.7675, 71.8119



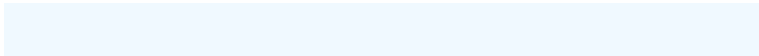
74.3081, 80.7675, 70.8623

Sweetspot

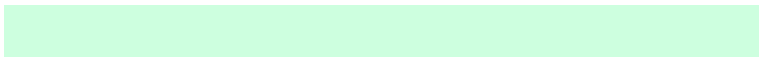
The Sweet Spot groups the original color and five complimentary colors.



73.5132, 80.7707, 106.3235



87.9117, 93.7495, 108.0698



74.1897, 89.8004, 82.8833



18.6567, 19.9248, 23.1125



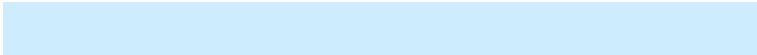
0.0000, 0.0000, 0.0000



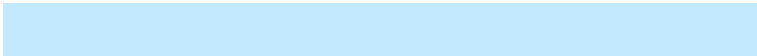
20.3446, 21.4041, 23.3091

Same Dimension

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



73.5132, 80.7707, 106.3235



69.3781, 76.9253, 105.7992



66.8968, 67.5380, 104.1180



17.9728, 19.3171, 23.0313



16.4421, 17.7938, 52.0025



1.7045, 1.9397, 5.0978

Inverse Universe

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



78.3587, 71.0386, 89.7064



75.1914, 65.6362, 85.7765



85.6738, 92.4959, 71.0973



18.4989, 18.1829, 21.2443



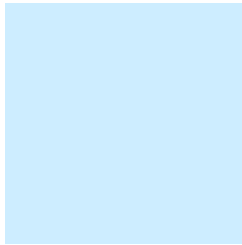
25.0874, 12.5243, 19.6427



2.4950, 1.2404, 2.1879

Previews

White Background



This preview shows how the XYZ color 73.5110, 80.7675, 106.3230 looks on a white background.

Color Contrast Check

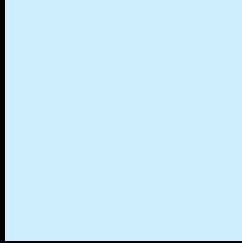
Large Text (above 18pt) WCAG AA × Fail

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 73.5110, 80.7675, 106.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

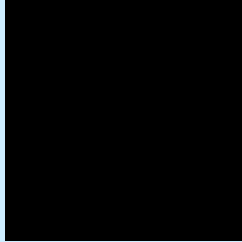
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

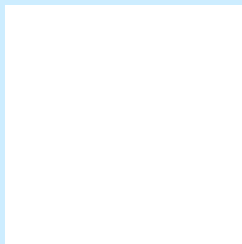
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5110, 80.7675, 106.3230

Background



This preview shows how black text looks on a background with the XYZ color 73.5110, 80.7675, 106.3230.



This preview shows how white text looks on a background with the XYZ color 73.5110, 80.7675,

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

73.5110, 80.7675, 106.3230

Protanopia

78.3425, 80.3817, 102.6529

Deuteranopia

81.5220, 80.3135, 105.8131



Tritanopia

73.7878, 80.9102, 106.3359

Trichromacy



Original Color

73.5110, 80.7675, 106.3230

Protanomaly

76.5284, 80.6783, 103.6344

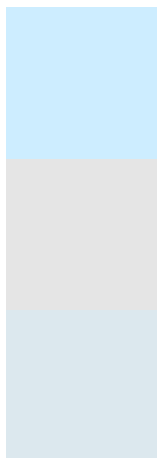
Deuteranomaly

78.3417, 80.3076, 105.9796

Tritanomaly

73.7878, 80.9102, 106.3359

Monochromacy



Original Color

73.5110, 80.7675, 106.3230

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.8044, 79.1019, 92.2672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5110, 80.7675, 106.3230 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(205, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 237, 255)  
}
```

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(205, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.5110, 80.7675, 106.3230 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(205, 237, 255) }
```


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

```
.border{ border-color:rgb(205, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 237,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5110, 80.7675, 106.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 237, 255) }
```

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

```
.background{ background-color: rgb(205,  
237, 255) }
```

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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