

Converting Colors

XYZ(75.1675, 82.3793,
106.5468)

Have a look what the booklet for
XYZ(75.1675, 82.3793, 106.5468)
contains.

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Color

**XYZ(75.2110, 82.5083,
106.5694)**

Conversions

Conversions Part 1

Format	Color
Hex	D1EFFF
RGB	209, 239, 255
RGB Percent	82%, 94%, 100%
CMY	0.1804, 0.0627, 0.0000
CMYK	0.18, 0.06, 0.00, 0.00
HSL	201°, 100%, 91%
HSV	201°, 18%, 100%
XYZ	75.2110, 82.5083, 106.5694
YIQ	231.8540, -23.0160, -1.3840

Conversions

Conversions Part 2

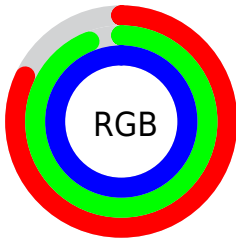
Format	Color
R_{YB}	209, 227, 255
Decimal	13758463
CIE Lab	92.80, -6.49, -10.99
CIE LCh	93, 12.762, 239.438
Yxy	82.5083, 0.2846, 0.3122
Android (android.graphics.Color)	4291948543 (0xFFD1EFFF)
YUV	231.8540, 11.4110, -20.0430
Hunter-Lab	90.8341, -11.1609, -5.9770

Details

The XYZ color **75.2110, 82.5083, 106.5694** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.6735, 79.7128, 71.5102**, and the grayscale version is **76.5241, 80.5093, 87.6747**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4530, 44.8142, 59.9440** is the 20% darker color. If you saturate the color by 10%, you get **66.0333, 74.0193, 105.4146**, and if you desaturate by 10%, it is **85.6751, 91.8539, 107.8218**.

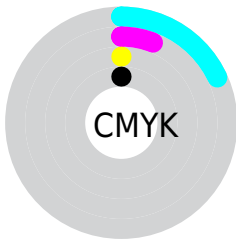
Distribution



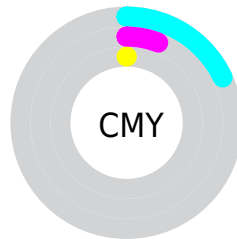
- Red (82%)
- Green (94%)
- Blue (100%)



- Red (82%)
- Yellow (89%)
- Blue (100%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2110, 82.5083, 106.5694 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 75.2110, 82.5083, 106.5694 by changing the saturation by 10% instead.

75.2110, 82.5083,
106.5694

75.2110, 82.5083,
106.5694

467.6285,
503.3463, 602.4813

56.0806, 61.7846,
81.1508

125.5973,
136.8866, 172.2865

40.5048, 44.8587,
60.1341

157.5839,
171.3100, 213.4220

28.1183, 31.3461,
43.1007

194.5865,
211.0687, 260.6336

18.5557, 20.8626,
29.6321

236.9706,
256.5472, 314.3398

11.4518, 13.0236,
19.3099

285.1015,
308.1298, 374.9591

6.4411, 7.4448,
11.7153

339.3445,

3.1583, 3.7418,

366.2009, 442.9101

6.4300

400.0651,
431.1450, 518.6113

■ 1.2380, 1.5302,
3.0353

■ 0.1361, 0.3098,
1.1127

■ 75.2110, 82.5083,
106.5694

■ 75.2110, 82.5083,
106.5694

■ 66.0333, 74.0193,
105.4146

■ 85.6751, 91.8539,
107.8218

■ 58.0789, 66.3451,
104.3525

95.0500, 100.0000,
108.9000

■ 51.2889, 59.4548,
103.3805

■ 45.5964, 53.3112,
102.4947

■ 40.9274, 47.8733,
101.6911

■ 37.1980, 43.0948,
100.9653

■ 34.3092, 38.9217,
100.3121

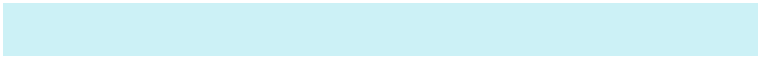
■ 32.1275, 35.2820,
99.7246

■ 31.7457, 34.6113,
99.6152

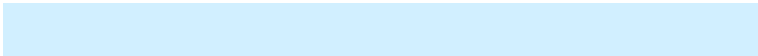
Harmonies

Analogous

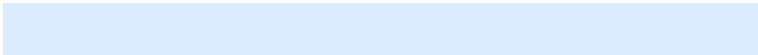
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9769, 82.5083, 99.1540



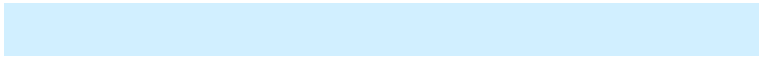
75.2110, 82.5083, 106.5694



78.3588, 82.5083, 109.4485

Triad

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



75.2110, 82.5083, 106.5694



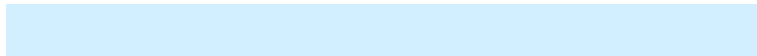
84.9996, 82.5083, 90.0176



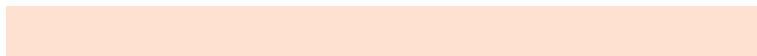
75.3169, 82.5083, 74.7962

Complementary

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



75.2110, 82.5083, 106.5694



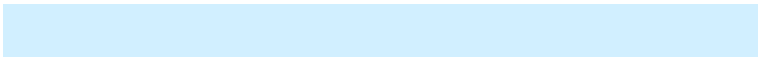
79.6735, 79.7128, 71.5102

Split Complementary

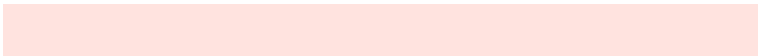
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4845, 82.5083, 72.7213



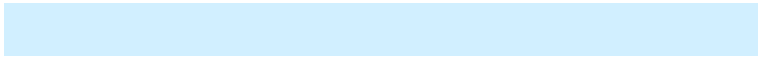
75.2110, 82.5083, 106.5694



84.1307, 82.5083, 81.1237

Square

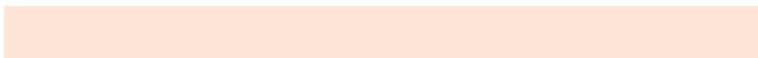
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



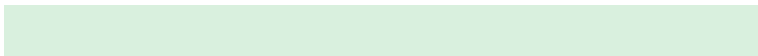
75.2110, 82.5083, 106.5694



84.0649, 82.5083, 99.4873



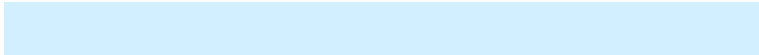
81.7224, 82.5083, 74.9555



73.0368, 82.5083, 80.8328

Rectangle

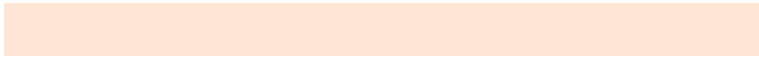
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2110, 82.5083, 106.5694



80.5716, 82.5083, 108.2617



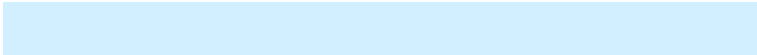
81.7224, 82.5083, 74.9555



76.3103, 82.5083, 73.6320

Sweetspot

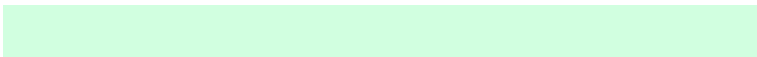
The Sweet Spot groups the original color and five complimentary colors.



75.2132, 82.5116, 106.5699



89.1157, 94.8652, 108.2217



75.5553, 90.4757, 84.2409



18.9017, 20.1544, 23.1439



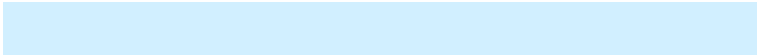
0.0000, 0.0000, 0.0000



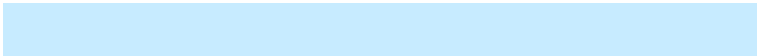
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2132, 82.5116, 106.5699



71.4260, 79.0471, 106.1008



69.0728, 70.2309, 104.5231



17.9920, 19.3557, 23.0377



16.7329, 18.3753, 52.0995



1.7315, 1.9937, 5.1068

Inverse Universe

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



79.6218, 73.0945, 91.5773



76.7070, 68.0875, 88.0696



86.1119, 92.5894, 73.6563



18.5086, 18.1868, 21.2956



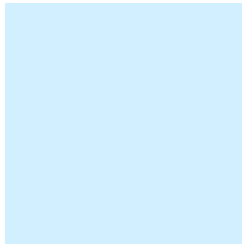
25.2342, 12.5830, 20.4155



2.5086, 1.2458, 2.2597

Previews

White Background



This preview shows how the XYZ color 75.2110, 82.5083, 106.5694 looks on a white background.

Color Contrast Check

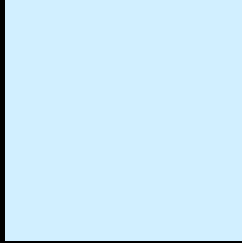
Large Text (above 18pt) WCAG AA × Fail

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 75.2110, 82.5083, 106.5694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

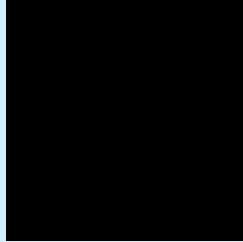
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

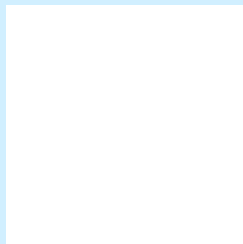
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2110, 82.5083, 106.5694

Background



This preview shows how black text looks on a background with the XYZ color 75.2110, 82.5083, 106.5694.



This preview shows how white text looks on a background with the XYZ color 75.2110, 82.5083,

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

75.2110, 82.5083, 106.5694

Protanopia

79.8735, 82.0019, 102.8850

Deuteranopia

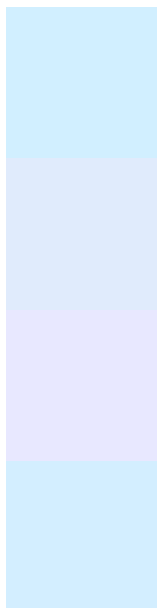
83.4496, 82.1193, 106.0601



Tritanopia

75.7759, 82.3661, 106.5122

Trichromacy



Original Color

75.2110, 82.5083, 106.5694

Protanomaly

78.0195, 82.2922, 103.8674

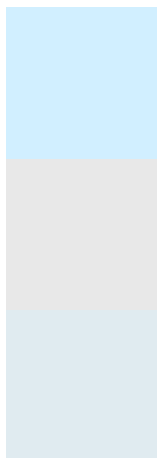
Deuteranomaly

80.1853, 82.0890, 106.2263

Tritanomaly

75.4885, 82.2180, 106.4987

Monochromacy



Original Color

75.2110, 82.5083, 106.5694

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1770, 81.5552, 94.1649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2110, 82.5083, 106.5694 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(209, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 239, 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(209, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.2110, 82.5083, 106.5694 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(209, 239, 255) }
```


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

```
.border{ border-color:rgb(209, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2110, 82.5083, 106.5694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 239, 255) }
```

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

```
.background{ background-color: rgb(209,  
239, 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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