

Converting Colors

XYZ(75.0453, 83.5456,
105.2656)

Have a look what the booklet for
XYZ(75.0453, 83.5456, 105.2656)
contains.

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Color

**XYZ(74.9170, 83.2678,
105.0523)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF1FD
RGB	207, 241, 253
RGB Percent	81%, 95%, 99%
CMY	0.1882, 0.0549, 0.0078
CMYK	0.18, 0.05, 0.00, 0.01
HSL	196°, 92%, 90%
HSV	196°, 18%, 99%
XYZ	74.9170, 83.2678, 105.0523
YIQ	232.2020, -24.1160, -3.4760

Conversions

Conversions Part 2

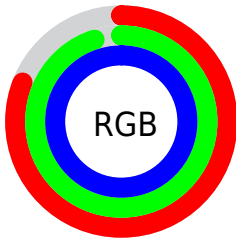
Format	Color
R_{YB}	207, 227, 253
Decimal	13627901
CIE _{Lab}	93.13, -8.53, -9.47
CIE _{LCh}	93, 12.742, 227.995
Yxy	83.2678, 0.2846, 0.3163
Android (android.graphics.Color)	4291817981 (0xFFCFF1FD)
YUV	232.2020, 10.2534, -22.1022
Hunter-Lab	91.2512, -13.1415, -4.3814

Details

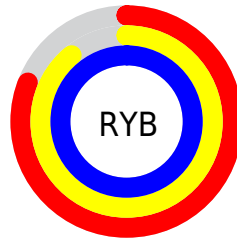
The XYZ color **74.9170, 83.2678, 105.0523** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.1027, 76.0507, 69.6485**, and the grayscale version is **76.7935, 80.7927, 87.9833**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2617, 45.3588, 58.8577** is the 20% darker color. If you saturate the color by 10%, you get **66.4898, 76.0782, 104.1101**, and if you desaturate by 10%, it is **84.5525, 91.1896, 106.0749**.

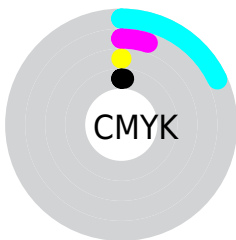
Distribution



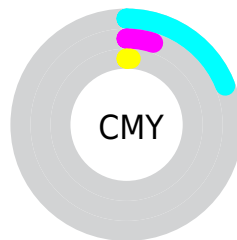
- Red (81%)
- Green (95%)
- Blue (99%)



- Red (81%)
- Yellow (89%)
- Blue (99%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9170, 83.2678, 105.0523 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 74.9170, 83.2678, 105.0523 by changing the saturation by 10% instead.

74.9170, 83.2678,
105.0523

74.9170, 83.2678,
105.0523

466.6338,
505.8786, 597.6567

55.8388, 62.4111,
79.8863

125.1834,
137.9505, 170.1952

40.3102, 45.3650,
59.0992

157.1023,
172.5452, 211.0092

27.9658, 31.7450,
42.2724

194.0323,
212.4881, 257.8763

18.4402, 21.1668,
28.9875

236.3385,
258.1636, 311.2150

11.3681, 13.2460,
18.8259

284.3864,
309.9559, 371.4438

6.3841, 7.5981,
11.3690

338.5414,

3.1229, 3.8389,

368.2496, 438.9814

6.1983

399.1687,
433.4291, 514.2461

■ 1.2191, 1.5839,
2.8953

■ 0.1213, 0.3467,
1.0414

■ 74.9170, 83.2678,
105.0523

■ 74.9170, 83.2678,
105.0523

■ 66.4898, 76.0782,
104.1101

■ 84.5525, 91.1896,
106.0749

■ 59.2088, 69.5814,
103.2398

■ 94.4757, 99.3636,
107.1296

■ 53.0177, 63.7492,
102.4404

■ 94.7299, 99.8720,
107.2143

■ 47.8518, 58.5473,
101.7086

■ 43.6398, 53.9375,
101.0408

■ 40.3000, 49.8768,
100.4331

■ 37.7364, 46.3145,
99.8806

■ 35.8173, 43.1813,
99.3770

■ 35.5041, 42.6403,
99.2890

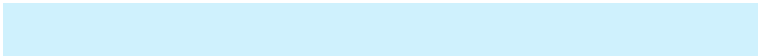
Harmonies

Analogous

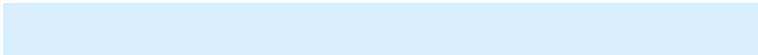
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1827, 83.2678, 96.4748



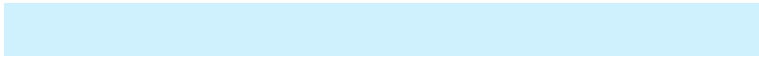
74.9170, 83.2678, 105.0523



77.8132, 83.2678, 109.9013

Triad

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



74.9170, 83.2678, 105.0523



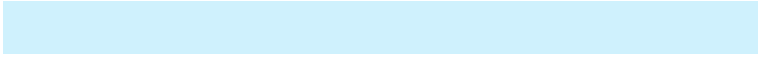
85.6027, 83.2678, 94.5501



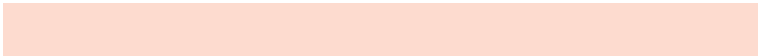
77.1732, 83.2678, 74.2497

Complementary

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



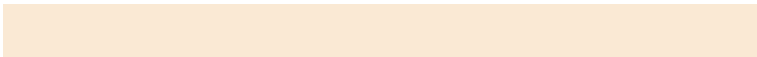
74.9170, 83.2678, 105.0523



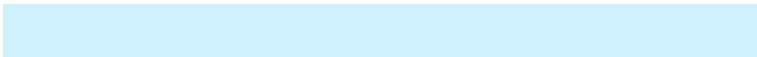
77.1027, 76.0507, 69.6485

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.



80.4889, 83.2678, 73.8146



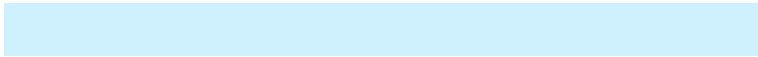
74.9170, 83.2678, 105.0523



85.4196, 83.2678, 85.0923

Square

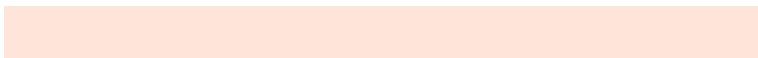
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9170, 83.2678, 105.0523



84.0197, 83.2678, 103.5582



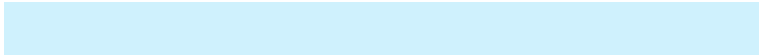
83.5261, 83.2678, 77.6542



74.4598, 83.2678, 78.8881

Rectangle

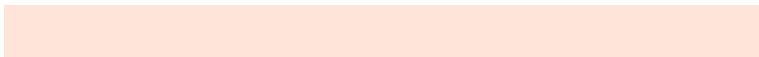
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9170, 83.2678, 105.0523



80.0414, 83.2678, 110.1560



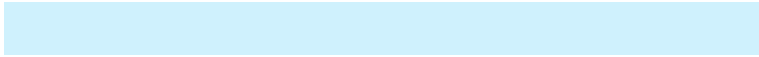
83.5261, 83.2678, 77.6542



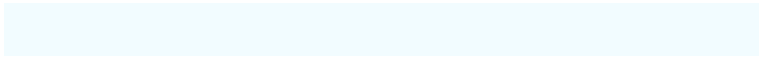
78.2524, 83.2678, 73.6196

Sweetspot

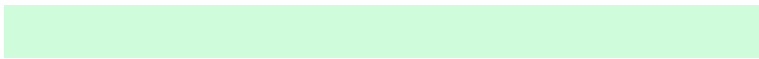
The Sweet Spot groups the original color and five complimentary colors.



74.9195, 83.2712, 105.0542



89.4622, 95.5582, 108.3372



73.5793, 88.6057, 79.8993



18.9861, 20.3231, 23.1720



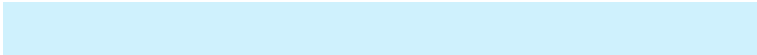
0.0000, 0.0000, 0.0000



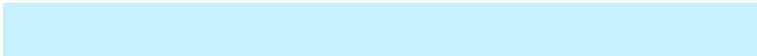
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9195, 83.2712, 105.0542



72.8455, 81.8861, 106.5740



68.6645, 70.7614, 102.9692



18.1304, 19.6324, 23.0838



19.0113, 22.9321, 52.8589



1.9398, 2.4103, 5.1763

Inverse Universe

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



78.7000, 71.8610, 92.9456



77.4235, 68.3741, 91.8426



83.3755, 88.5962, 71.7395



18.5785, 18.2147, 21.6634



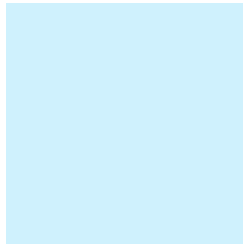
26.3842, 13.0430, 26.4714



2.6137, 1.2879, 2.8133

Previews

White Background



This preview shows how the XYZ color 74.9170, 83.2678, 105.0523 looks on a white background.

Color Contrast Check

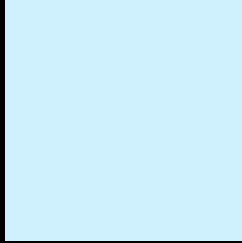
Large Text (above 18pt) WCAG AA × Fail

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 74.9170, 83.2678, 105.0523 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

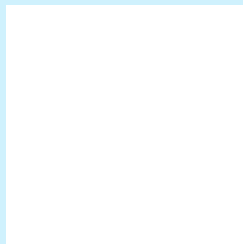
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9170, 83.2678, 105.0523

Background



This preview shows how black text looks on a background with the XYZ color 74.9170, 83.2678, 105.0523.

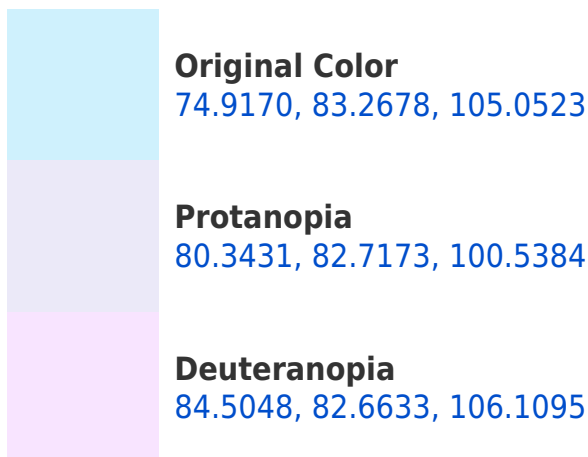


This preview shows how white text looks on a background with the XYZ color 74.9170, 83.2678,

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

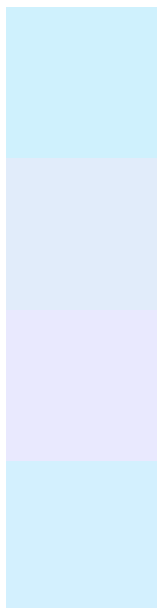




Tritanopia

76.3571, 83.0991, 106.6230

Trichromacy



Original Color

74.9170, 83.2678, 105.0523

Protanomaly

78.3021, 82.9006, 102.3169

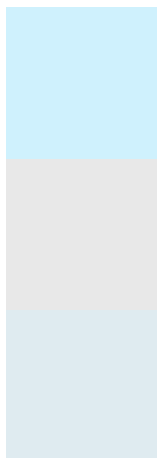
Deuteranomaly

80.6326, 82.7572, 105.4899

Tritanomaly

75.9134, 83.3248, 105.8482

Monochromacy



Original Color

74.9170, 83.2678, 105.0523

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.8679, 81.3959, 94.1504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9170, 83.2678, 105.0523 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, 241, 253)` looks like.

```
.text, #text, p{  
    color:rgb(207, 241, 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, 241, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 241, 253) }
```

Border

The CSS property to change the border of an element to XYZ 74.9170, 83.2678, 105.0523 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, 241, 253) }
```


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

```
.border{ border-color:rgb(207, 241, 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, 241, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 241, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 241, 253);  
box-shadow:4px 4px 4px 4px rgb(207, 241,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9170, 83.2678, 105.0523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 241, 253) }
```

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

```
.background{ background-color: rgb(207,  
241, 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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