

Converting Colors

XYZ(70.9543, 75.4895,
104.2904)

Have a look what the booklet for
XYZ(70.9543, 75.4895, 104.2904)
contains.

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Color

**XYZ(70.8121, 75.2157,
104.5518)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE3FE
RGB	206, 227, 254
RGB Percent	81%, 89%, 100%
CMY	0.1921, 0.1098, 0.0039
CMYK	0.19, 0.11, 0.00, 0.00
HSL	214°, 96%, 90%
HSV	214°, 19%, 100%
XYZ	70.8121, 75.2157, 104.5518
YIQ	223.7990, -21.1830, 3.9450

Conversions

Conversions Part 2

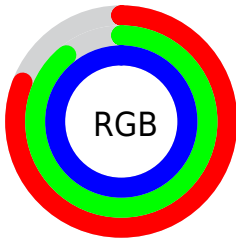
Format	Color
R _Y B	206, 221, 254
Decimal	13558782
CIE Lab	89.49, -1.44, -15.43
CIE LCh	89, 15.493, 264.658
Yxy	75.2157, 0.2826, 0.3002
Android (android.graphics.Color)	4291748862 (0xFFCEE3FE)
YUV	223.7990, 14.8891, -15.6097
Hunter-Lab	86.7270, -6.0280, -10.7669

Details

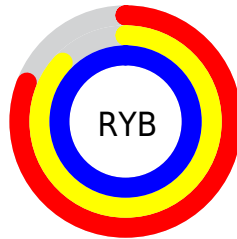
The XYZ color **70.8121, 75.2157, 104.5518** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.1533, 83.8051, 70.2931**, and the grayscale version is **70.6178, 74.2955, 80.9078**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5931, 40.1156, 58.5850** is the 20% darker color. If you saturate the color by 10%, you get **60.5761, 64.3786, 103.0007**, and if you desaturate by 10%, it is **82.5164, 87.2949, 106.2677**.

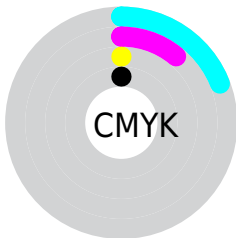
Distribution



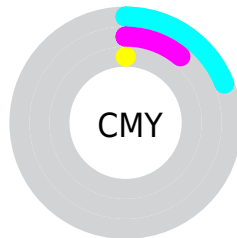
- Red (81%)
- Green (89%)
- Blue (100%)



- Red (81%)
- Yellow (87%)
- Blue (100%)



- Cyan (19%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8121, 75.2157, 104.5518 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 70.8121, 75.2157, 104.5518 by changing the saturation by 10% instead.

■ 70.8121, 75.2157,
104.5518

■ 70.8121, 75.2157,
104.5518

452.6184,
478.6586, 596.0605

■ 52.4709, 55.7896,
79.4694

119.3861,
126.6176, 169.5047

■ 37.6063, 40.0343,
58.7582

150.3496,
159.3623, 210.2122

■ 25.8531, 27.5653,
41.9998

186.2512,
197.3153, 256.9652

■ 16.8459, 17.9982,
28.7755

227.4562,
240.8609, 310.1821

■ 10.2193, 10.9487,
18.6670

274.3301,
290.3837, 370.2816

■ 5.6080, 6.0323,
11.2555

327.2382,

■ 2.6466, 2.8648,

346.2680, 437.6821

6.1226

386.5459,
408.8982, 512.8023

■ 0.9698, 1.0615,
2.8498

■ 0.0000, 0.0000,
1.0185

■ 70.8121, 75.2157,
104.5518

■ 70.8121, 75.2157,
104.5518

■ 60.5761, 64.3786,
103.0007

■ 82.5164, 87.2949,
106.2677

■ 51.7391, 54.7304,
101.6042

94.8896, 99.9358,
108.0555

■ 44.2360, 46.2276,
100.3585

■ 37.9937, 38.8198,
99.2576

■ 32.9312, 32.4521,
98.2954

■ 28.9569, 27.0636,
97.4647

■ 25.9635, 22.5844,
96.7579

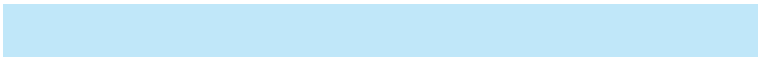
■ 23.7980, 18.9205,
96.1649

■ 23.5892, 18.5549,
96.1053

Harmonies

Analogous

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



67.3459, 75.2157, 100.1824



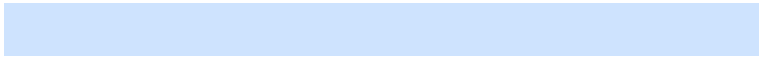
70.8121, 75.2157, 104.5518



74.5826, 75.2157, 102.4275

Triad

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



70.8121, 75.2157, 104.5518



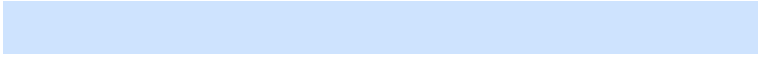
78.3393, 75.2157, 73.4724



65.6935, 75.2157, 70.3777

Complementary

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



70.8121, 75.2157, 104.5518



81.1533, 83.8051, 70.2931

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.



68.4847, 75.2157, 64.3116



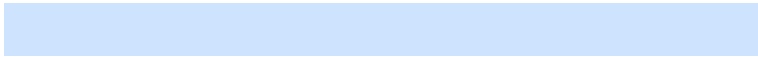
70.8121, 75.2157, 104.5518



75.8012, 75.2157, 65.9843

Square

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



70.8121, 75.2157, 104.5518



79.0157, 75.2157, 83.8610



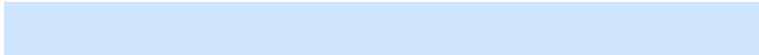
72.1727, 75.2157, 62.7769



64.4585, 75.2157, 79.9641

Rectangle

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



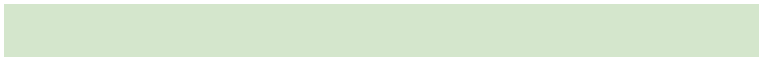
70.8121, 75.2157, 104.5518



76.7506, 75.2157, 97.7039



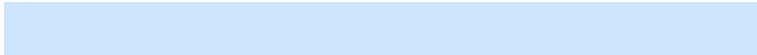
72.1727, 75.2157, 62.7769



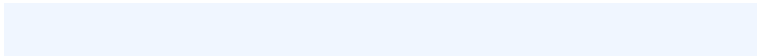
66.4760, 75.2157, 67.8943

Sweetspot

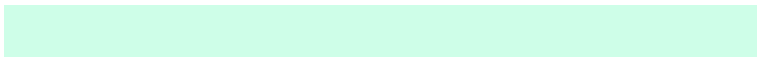
The Sweet Spot groups the original color and five complimentary colors.



70.8144, 75.2188, 104.5535



86.9593, 91.8446, 107.7523



75.5193, 89.8558, 90.0073



18.4316, 19.4746, 23.0375



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.



70.8144, 75.2188, 104.5535



67.0307, 71.2518, 104.8278



66.0874, 64.7682, 102.7855



17.6569, 18.6854, 22.9260



12.5772, 10.0639, 50.7142



1.3311, 1.1928, 4.9734

Inverse Universe

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



76.8113, 70.7614, 82.2863



74.2454, 66.1725, 77.9753



86.5839, 95.9620, 72.3534



18.3395, 18.1191, 20.4048



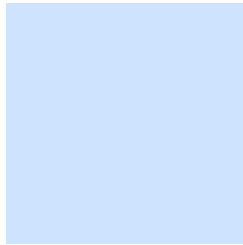
23.1366, 11.7439, 9.3696



2.3065, 1.1650, 1.1953

Previews

White Background



This preview shows how the XYZ color 70.8121, 75.2157, 104.5518 looks on a white background.

Color Contrast Check

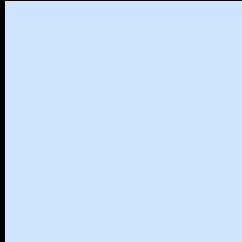
Large Text (above 18pt) WCAG AA × Fail

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 70.8121, 75.2157, 104.5518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

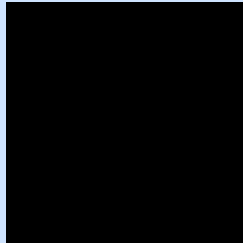
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

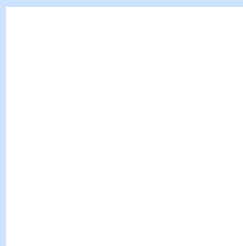
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8121, 75.2157, 104.5518

Background



This preview shows how black text looks on a background with the XYZ color 70.8121, 75.2157, 104.5518.



This preview shows how white text looks on a background with the XYZ color 70.8121, 75.2157,

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

70.8121, 75.2157, 104.5518

Protanopia

73.6191, 75.1125, 101.8848

Deuteranopia

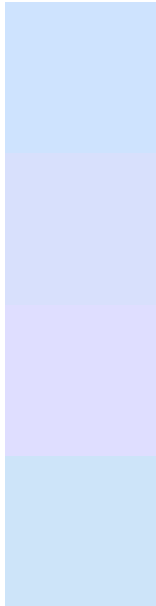
76.6602, 75.0388, 105.0513



Tritanopia

69.5548, 75.1198, 98.0224

Trichromacy



Original Color

70.8121, 75.2157, 104.5518

Protanomaly

72.5452, 74.9385, 102.7365

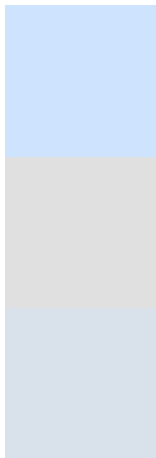
Deuteranomaly

74.6027, 75.1505, 105.1813

Tritanomaly

70.0191, 75.3055, 100.4675

Monochromacy



Original Color

70.8121, 75.2157, 104.5518

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.5359, 74.6003, 89.2789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8121, 75.2157, 104.5518 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(206, 227, 254)` looks like.

```
.text, #text, p{  
    color:rgb(206, 227, 254)  
}
```

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(206, 227, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 227, 254) }
```

Border

The CSS property to change the border of an element to XYZ 70.8121, 75.2157, 104.5518 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(206, 227, 254) }
```


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

```
.border{ border-color:rgb(206, 227, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 227, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 227, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 227, 254);  
box-shadow:4px 4px 4px 4px rgb(206, 227,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8121, 75.2157, 104.5518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 227, 254) }
```

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

```
.background{ background-color: rgb(206,  
227, 254) }
```

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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