

Converting Colors

XYZ(98.9928, 93.9675,
229.8042)

Have a look what the booklet for
XYZ(98.9928, 93.9675, 229.8042)
contains.

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Color

**XYZ(75.5542, 84.4430,
106.9247)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF3FF
RGB	206, 243, 255
RGB Percent	81%, 95%, 100%
CMY	0.1921, 0.0470, 0.0000
CMYK	0.19, 0.05, 0.00, 0.00
HSL	195°, 100%, 90%
HSV	195°, 19%, 100%
XYZ	75.5542, 84.4430, 106.9247
YIQ	233.3050, -25.9040, -4.1120

Conversions

Conversions Part 2

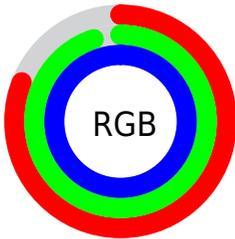
Format	Color
R _Y B	206, 227, 255
Decimal	13562879
CIE Lab	93.64, -9.42, -9.75
CIE LCh	94, 13.564, 225.988
Yxy	84.4430, 0.2831, 0.3164
Android (android.graphics.Color)	4291752959 (0xFFCEFF)
YUV	233.3050, 10.6956, -23.9465
Hunter-Lab	91.8929, -14.0501, -4.6636

Details

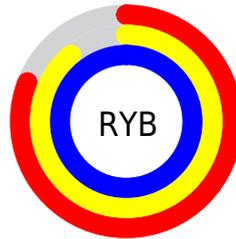
The XYZ color **75.5542, 84.4430, 106.9247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.4517, 75.8580, 68.9542**, and the grayscale version is **77.6196, 81.6619, 88.9298**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7259, 46.1972, 60.1965** is the 20% darker color. If you saturate the color by 10%, you get **67.2051, 77.4146, 106.0082**, and if you desaturate by 10%, it is **85.1198, 92.1973, 107.9173**.

Distribution



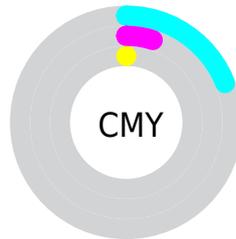
- Red (81%)
- Green (95%)
- Blue (100%)



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



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5542, 84.4430, 106.9247 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 75.5542, 84.4430, 106.9247 by changing the saturation by 10% instead.

75.5542, 84.4430,
106.9247

75.5542, 84.4430,
106.9247

468.7881,
509.7832, 603.6083

56.3628, 63.3812,
81.4471

126.0803,
139.5947, 172.7758

40.7320, 46.1497,
60.3767

158.1456,
174.4534, 213.9864

28.2965, 32.3640,
43.2951

195.2331,
214.6800, 261.2784

18.6909, 21.6397,
29.7836

237.7079,
260.6587, 315.0703

11.5498, 13.5924,
19.4237

285.9354,
312.7739, 375.7807

6.5079, 7.8377,
11.7970

340.2811,

3.1999, 3.9913,

371.4102, 443.8282

6.4847

401.1102,
436.9518, 519.6312

■ 1.2603, 1.6687,
3.0685

■ 0.1532, 0.4033,
1.1297

■ 75.5542, 84.4430,
106.9247

■ 75.5542, 84.4430,
106.9247

■ 67.2051, 77.4146,
106.0082

■ 85.1198, 92.1973,
107.9173

■ 60.0097, 71.0721,
105.1632

95.0500, 100.0000,
108.9000

■ 53.9100, 65.3869,
104.3873

■ 48.8395, 60.3238,
103.6773

■ 44.7247, 55.8439,
103.0294

■ 41.4812, 51.9027,
102.4397

■ 39.0094, 48.4479,
101.9031

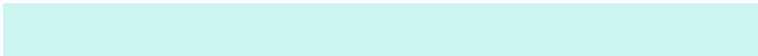
■ 37.1591, 45.4010,
101.4125

■ 37.0258, 45.1716,
101.3753

Harmonies

Analogous

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



73.7990, 84.4430, 97.5036



75.5542, 84.4430, 106.9247



78.5989, 84.4430, 112.5139

Triad

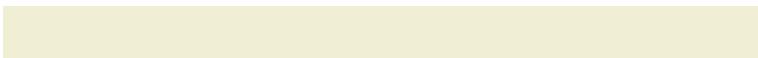
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5542, 84.4430, 106.9247



87.1538, 84.4430, 96.8197



78.3722, 84.4430, 74.2007

Complementary

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



75.5542, 84.4430, 106.9247



77.4517, 75.8580, 68.9542

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.



81.9454, 84.4430, 74.0477



75.5542, 84.4430, 106.9247



87.0886, 84.4430, 86.6000

Square

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



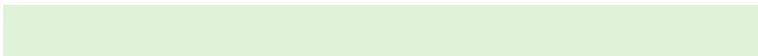
75.5542, 84.4430, 106.9247



85.3338, 84.4430, 106.3920



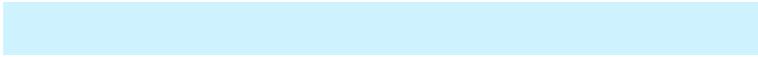
85.1584, 84.4430, 78.4324



75.3925, 84.4430, 78.8672

Rectangle

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



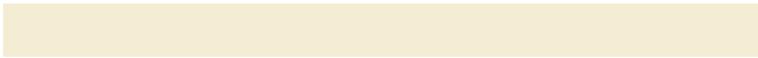
75.5542, 84.4430, 106.9247



80.9836, 84.4430, 113.0650



85.1584, 84.4430, 78.4324



79.5418, 84.4430, 73.6322

Sweetspot

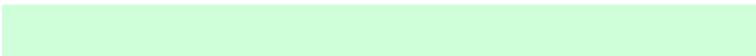
The Sweet Spot groups the original color and five complimentary colors.



75.5564, 84.4464, 106.9253



88.4601, 94.8462, 108.2525



73.7955, 89.6747, 79.3625



18.7866, 20.1844, 23.1558



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.



75.5564, 84.4464, 106.9253



72.2555, 81.7015, 106.5694



68.8538, 71.0411, 104.6911



18.1560, 19.6837, 23.0924



19.4700, 23.8496, 53.0118



1.9811, 2.4930, 5.1900

Inverse Universe

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



79.4904, 71.8753, 94.4817



76.8827, 67.2274, 91.8629



84.1134, 89.1814, 71.1747



18.5914, 18.2199, 21.7315



26.6158, 13.1356, 27.6908



2.6346, 1.2962, 2.9232

Previews

White Background



This preview shows how the XYZ color 75.5542, 84.4430, 106.9247 looks on a white background.

Color Contrast Check

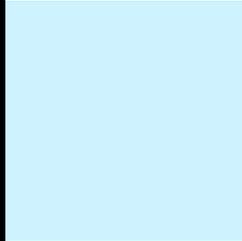
Large Text (above 18pt) WCAG AA × Fail

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 75.5542, 84.4430, 106.9247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

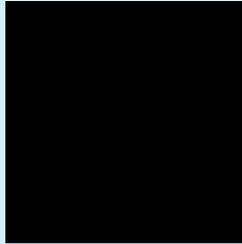
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5542, 84.4430, 106.9247

Background



This preview shows how black text looks on a background with the XYZ color 75.5542, 84.4430, 106.9247.



This preview shows how white text looks on a background with the XYZ color 75.5542, 84.4430,

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

75.5542, 84.4430, 106.9247

Protanopia

81.5557, 84.1517, 102.3869

Deuteranopia

85.3373, 84.3283, 106.3870



Tritanopia

77.5296, 84.5777, 106.8466

Trichromacy



Original Color

75.5542, 84.4430, 106.9247

Protanomaly

79.1966, 84.1849, 104.1707

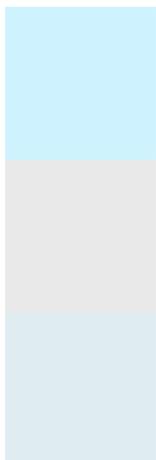
Deuteranomaly

81.3626, 83.9603, 106.5254

Tritanomaly

76.9535, 84.7213, 106.9047

Monochromacy



Original Color

75.5542, 84.4430, 106.9247

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.5928, 82.6072, 95.1270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5542, 84.4430, 106.9247 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, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 243, 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(206, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.5542, 84.4430, 106.9247 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, 243, 255) }
```

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

```
.border{ border-color:rgb(206, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5542, 84.4430, 106.9247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 243, 255) }
```

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

```
.background{ background-color: rgb(206,  
243, 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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