

Converting Colors

XYZ(65.4242, 66.9845,
104.0888)

Have a look what the booklet for
XYZ(65.4242, 66.9845, 104.0888)
contains.

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Color

**XYZ(65.3974, 66.9506,
104.0837)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D5FF
RGB	199, 213, 255
RGB Percent	78%, 84%, 100%
CMY	0.2196, 0.1647, 0.0000
CMYK	0.22, 0.16, 0.00, 0.00
HSL	225°, 100%, 89%
HSV	225°, 22%, 100%
XYZ	65.3974, 66.9506, 104.0837
YIQ	213.6020, -21.8260, 10.0940

Conversions

Conversions Part 2

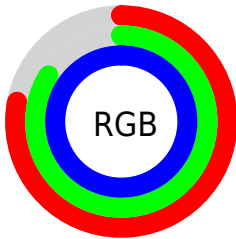
Format	Color
R_{YB}	199, 210, 255
Decimal	13096447
CIE _{Lab}	85.48, 4.00, -22.05
CIE _{LCh}	85, 22.414, 280.287
Yxy	66.9506, 0.2766, 0.2832
Android (android.graphics.Color)	4291286527 (0xFFC7D5FF)
YUV	213.6020, 20.4092, -12.8060
Hunter-Lab	81.8233, -0.5245, -18.1437

Details

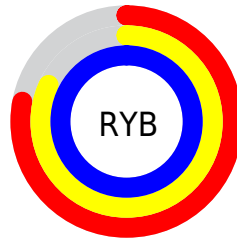
The XYZ color **65.3974, 66.9506, 104.0837** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.0039, 88.2932, 66.7020**, and the grayscale version is **63.5285, 66.8370, 72.7855**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9215, 34.4602, 58.2897** is the 20% darker color. If you saturate the color by 10%, you get **54.6602, 54.6921, 102.2835**, and if you desaturate by 10%, it is **77.8393, 80.9333, 106.1269**.

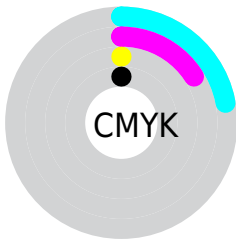
Distribution



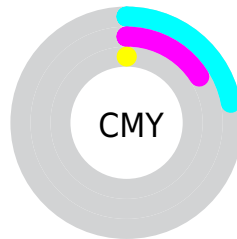
- Red (78%)
- Green (84%)
- Blue (100%)



- Red (78%)
- Yellow (82%)
- Blue (100%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3974, 66.9506, 104.0837 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 65.3974, 66.9506, 104.0837 by changing the saturation by 10% instead.

■ 65.3974, 66.9506,
104.0837

■ 65.3974, 66.9506,
104.0837

433.7414,
449.7689, 594.5657

■ 48.0493, 49.0445,
79.0795

111.6835,
114.8496, 168.8585

■ 34.0773, 34.6548,
58.4395

141.3523,
145.6113, 209.4663

■ 23.1162, 23.3971,
41.7451

175.8586,
181.4270, 256.1123

■ 14.8005, 14.8870,
28.5776

215.5678,
222.6810, 309.2152

■ 8.7649, 8.7401,
18.5187

260.8454,
269.7579, 369.1934

■ 4.6440, 4.5720,
11.1498

312.0566,

■ 2.0725, 1.9984,

323.0419, 436.4656

6.0522

369.5668,
382.9174, 511.4501

■ 0.6742, 0.6066,
2.8076

■ 0.0000, 0.0000,
0.9972

■ 65.3974, 66.9506,
104.0837

■ 65.3974, 66.9506,
104.0837

■ 54.6602, 54.6921,
102.2835

■ 77.8393, 80.9333,
106.1269

■ 45.5459, 44.0815,
100.7158

■ 92.0513, 96.6966,
108.4204

■ 37.9743, 35.0482,
99.3713

■ 95.0500, 100.0000,
108.9000

■ 31.8561, 27.5135,
98.2394

■ 27.0918, 21.3912,
97.3088

■ 23.5690, 16.5852,
96.5668

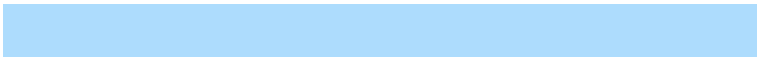
■ 21.1547, 12.9858,
95.9993

■ 19.8700, 10.8599,
95.6567

Harmonies

Analogous

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



60.3915, 66.9506, 102.5800



65.3974, 66.9506, 104.0837



70.1718, 66.9506, 96.4252

Triad

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



65.3974, 66.9506, 104.0837



71.3921, 66.9506, 56.2417



54.8627, 66.9506, 63.8501

Complementary

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



65.3974, 66.9506, 104.0837



83.0039, 88.2932, 66.7020

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.



57.5165, 66.9506, 53.5472



65.3974, 66.9506, 104.0837



66.9916, 66.9506, 49.5768

Square

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



65.3974, 66.9506, 104.0837



73.7530, 66.9506, 68.0086



61.9036, 66.9506, 48.6609



54.4866, 66.9506, 78.0159

Rectangle

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



65.3974, 66.9506, 104.0837



72.5143, 66.9506, 87.6846



61.9036, 66.9506, 48.6609



55.5110, 66.9506, 59.8746

Sweetspot

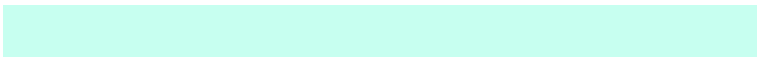
The Sweet Spot groups the original color and five complimentary colors.



65.3993, 66.9532, 104.0841



84.6623, 88.5246, 107.2325



75.0521, 89.9578, 95.8985



17.9384, 18.7451, 22.9227



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.



65.3993, 66.9532, 104.0841



60.8598, 61.7962, 103.3279



65.6452, 62.0754, 103.1296



17.3720, 18.1156, 22.8310



10.4812, 5.8719, 50.0156



1.1027, 0.7361, 4.8972

Inverse Universe

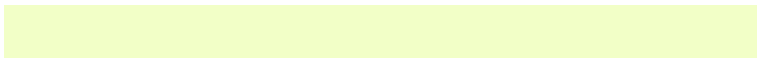
The Inverse Universe completely reimagines the original color for something new.



73.6749, 66.9124, 71.9861



70.4262, 61.9475, 66.1788



82.6644, 94.5092, 67.9197



18.1957, 18.0616, 19.6475



22.0786, 11.3207, 3.7984



2.1912, 1.1189, 0.5883

Previews

White Background



This preview shows how the XYZ color 65.3974, 66.9506, 104.0837 looks on a white background.

Color Contrast Check

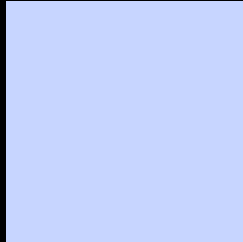
Large Text (above 18pt) WCAG AA × Fail

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 65.3974, 66.9506, 104.0837 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 65.3974, 66.9506, 104.0837

Background



This preview shows how black text looks on a background with the XYZ color 65.3974, 66.9506, 104.0837.



This preview shows how white text looks on a background with the XYZ color 65.3974, 66.9506,

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

65.3974, 66.9506, 104.0837

Protanopia

66.3605, 66.7234, 103.1473

Deuteranopia

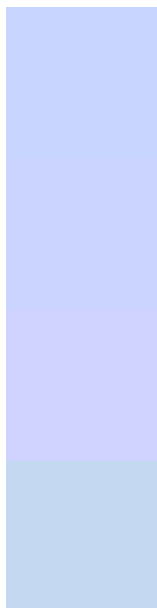
68.2910, 66.9671, 103.9344



Tritanopia

62.1698, 67.1683, 87.5300

Trichromacy



Original Color

65.3974, 66.9506, 104.0837

Protanomaly

66.0615, 66.9392, 103.2047

Deuteranomaly

67.1090, 66.7231, 103.9496

Tritanomaly

63.3478, 67.2583, 93.6478

Monochromacy



Original Color

65.3974, 66.9506, 104.0837

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4839, 67.3056, 83.7214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3974, 66.9506, 104.0837 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(199, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 213, 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(199, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.3974, 66.9506, 104.0837 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(199, 213, 255) }
```


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

```
.border{ border-color:rgb(199, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3974, 66.9506, 104.0837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 213, 255) }
```

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

```
.background{ background-color: rgb(199,  
213, 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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