

Converting Colors

XYZ(65.8041, 64.7922,
101.6279)

Have a look what the booklet for
XYZ(65.8041, 64.7922, 101.6279)
contains.

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Color

**XYZ(65.8134, 64.6444,
101.9374)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CEFD
RGB	208, 206, 253
RGB Percent	82%, 81%, 99%
CMY	0.1843, 0.1921, 0.0078
CMYK	0.18, 0.19, 0.00, 0.01
HSL	243°, 92%, 90%
HSV	243°, 19%, 99%
XYZ	65.8134, 64.6444, 101.9374
YIQ	211.9560, -13.8950, 15.0410

Conversions

Conversions Part 2

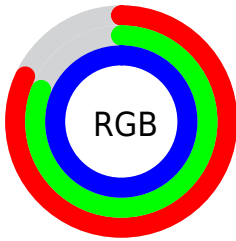
Format	Color
R _{YB}	208, 206, 253
Decimal	13684477
CIE Lab	84.30, 10.02, -22.72
CIE LCh	84, 24.833, 293.791
Yxy	64.6444, 0.2832, 0.2782
Android (android.graphics.Color)	4291874557 (0xFFD0CEFD)
YUV	211.9560, 20.2347, -3.4694
Hunter-Lab	80.4017, 5.4094, -18.8896

Details

The XYZ color **65.8134, 64.6444, 101.9374** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.0516, 95.2176, 72.2389**, and the grayscale version is **62.4282, 65.6794, 71.5248**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3289, 33.2143, 56.8262** is the 20% darker color. If you saturate the color by 10%, you get **53.9077, 50.1826, 99.7745**, and if you desaturate by 10%, it is **79.7436, 81.6084, 104.4786**.

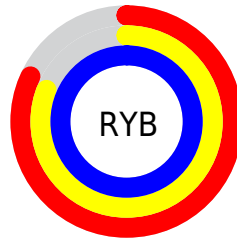
Distribution



Red (82%)

Green (81%)

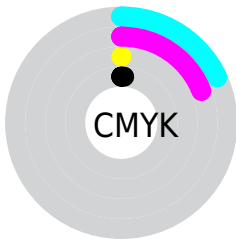
Blue (99%)



Red (82%)

Yellow (81%)

Blue (99%)

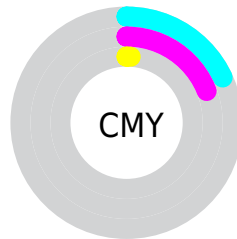


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (1%)



Cyan (18%)

Magenta (19%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8134, 64.6444, 101.9374 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 65.8134, 64.6444, 101.9374 by changing the saturation by 10% instead.

65.8134, 64.6444,
101.9374

65.8134, 64.6444,
101.9374

435.2084,
441.5130, 587.6861

48.3881, 47.1728,
77.2936

112.2777,
111.5385, 165.8921

34.3468, 33.1723,
56.9809

142.0474,
141.7297, 206.0402

23.3243, 22.2585,
40.5807

176.6625,
176.9296, 252.1934

14.9552, 14.0469,
27.6743

216.4886,
217.5226, 304.7703

8.8741, 8.1533,
17.8434

261.8908,
263.8930, 364.1895

4.7156, 4.1932,
10.6693

313.2346,

2.1144, 1.7822,

316.4253, 430.8695

5.7336

370.8854,
375.5038, 505.2289

■ 0.6970, 0.4761,
2.6176

■ 0.0000, 0.0000,
0.9015

■ 65.8134, 64.6444,
101.9374

■ 65.8134, 64.6444,
101.9374

■ 53.9077, 50.1826,
99.7745

■ 79.7436, 81.6084,
104.4786

■ 43.9267, 38.0971,
97.9679

94.7298, 99.8719,
107.2140

■ 35.7711, 28.2632,
96.4996

■ 29.3302, 20.5415,
95.3486

■ 24.4816, 14.7774,
94.4916

■ 21.0865, 10.7947,
93.9018

■ 18.9822, 8.3863,
93.5478

■ 17.9533, 7.2652,
93.3856

■ 17.8646, 7.1614,
93.3703

Harmonies

Analogous

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



60.3046, 64.6444, 105.0390



65.8134, 64.6444, 101.9374



70.3874, 64.6444, 89.8613

Triad

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



65.8134, 64.6444, 101.9374



67.9116, 64.6444, 48.6460



51.5066, 64.6444, 67.1581

Complementary

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



65.8134, 64.6444, 101.9374



86.0516, 95.2176, 72.2389

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.



53.2895, 64.6444, 53.9511



65.8134, 64.6444, 101.9374



62.5947, 64.6444, 44.3410

Square

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



65.8134, 64.6444, 101.9374



71.6485, 64.6444, 58.8495



57.2697, 64.6444, 46.1273



52.2549, 64.6444, 83.3412

Rectangle

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



65.8134, 64.6444, 101.9374



72.1804, 64.6444, 79.1946



57.2697, 64.6444, 46.1273



51.8262, 64.6444, 62.2575

Sweetspot

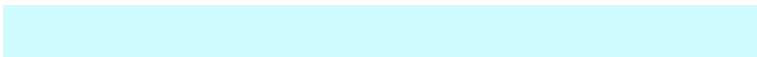
The Sweet Spot groups the original color and five complimentary colors.



65.8154, 64.6471, 101.9389



85.1761, 87.9504, 107.0946



77.8178, 89.4807, 106.0996



18.0113, 18.5568, 22.8825



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.



65.8154, 64.6471, 101.9389



62.6145, 60.4779, 102.9810



72.7797, 68.2373, 102.2648



17.0744, 17.4146, 22.7114



9.5333, 3.8251, 49.6704



0.9522, 0.3848, 4.8374

Inverse Universe

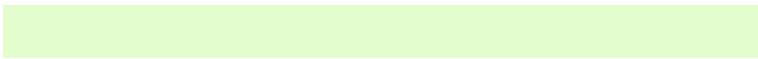
The Inverse Universe completely reimagines the original color for something new.



79.9940, 71.9930, 100.9493



79.3087, 69.1282, 101.7702



78.2416, 91.1914, 71.8734



18.7573, 18.2862, 22.6053



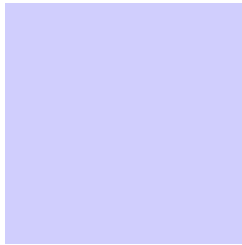
30.1084, 14.5327, 46.0829



2.9415, 1.4190, 4.5393

Previews

White Background



This preview shows how the XYZ color 65.8134, 64.6444, 101.9374 looks on a white background.

Color Contrast Check

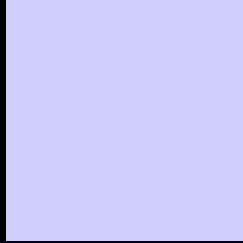
Large Text (above 18pt) WCAG AA × Fail

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 65.8134, 64.6444, 101.9374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

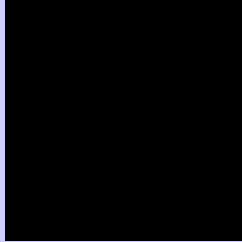
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8134, 64.6444, 101.9374

Background



This preview shows how black text looks on a background with the XYZ color 65.8134, 64.6444, 101.9374.



This preview shows how white text looks on a background with the XYZ color 65.8134, 64.6444,

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

65.8134, 64.6444, 101.9374

Protanopia

64.4253, 64.6111, 103.6834

Deuteranopia

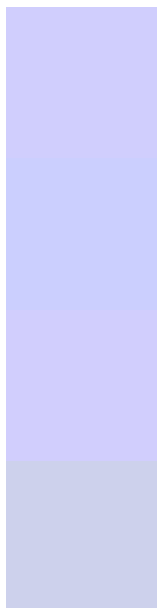
66.0954, 64.7898, 101.9506



Tritanopia

61.7880, 64.8311, 81.9301

Trichromacy



Original Color

65.8134, 64.6444, 101.9374

Protanomaly

64.8308, 64.4779, 102.7945

Deuteranomaly

66.0954, 64.7898, 101.9506

Tritanomaly

63.1176, 64.6362, 88.5063

Monochromacy



Original Color

65.8134, 64.6444, 101.9374

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.7757, 65.4881, 81.9522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8134, 64.6444, 101.9374 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(208, 206, 253)` looks like.

```
.text, #text, p{  
    color:rgb(208, 206, 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(208, 206, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 206, 253) }
```

Border

The CSS property to change the border of an element to XYZ 65.8134, 64.6444, 101.9374 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(208, 206, 253) }
```


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

```
.border{ border-color:rgb(208, 206, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 206, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 206, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 206, 253);  
box-shadow:4px 4px 4px 4px rgb(208, 206,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8134, 64.6444, 101.9374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 206, 253) }
```

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

```
.background{ background-color: rgb(208,  
206, 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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