

Converting Colors

XYZ(67.4757, 66.8994, 97.9026)

Have a look what the booklet for
XYZ(67.4757, 66.8994, 97.9026)
contains.

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Color

**XYZ(67.7214, 67.1666,
98.2021)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D2F8
RGB	214, 210, 248
RGB Percent	84%, 82%, 97%
CMY	0.1608, 0.1765, 0.0274
CMYK	0.14, 0.15, 0.00, 0.03
HSL	246°, 73%, 90%
HSV	246°, 15%, 97%
XYZ	67.7214, 67.1666, 98.2021
YIQ	215.5280, -9.8140, 12.6660

Conversions

Conversions Part 2

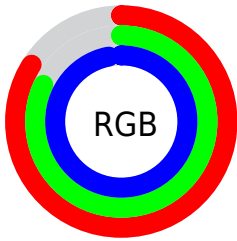
Format	Color
R _Y B	214, 210, 248
Decimal	14078712
CIE Lab	85.59, 8.70, -18.08
CIE LCh	86, 20.067, 295.695
Yxy	67.1666, 0.2905, 0.2882
Android (android.graphics.Color)	4292268792 (0xFFD6D2F8)
YUV	215.5280, 16.0087, -1.3401
Hunter-Lab	81.9552, 4.0768, -13.6750

Details

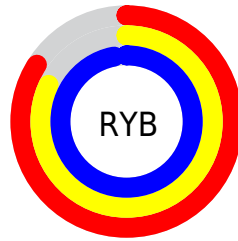
The XYZ color **67.7214, 67.1666, 98.2021** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.5108, 91.0228, 74.1962**, and the grayscale version is **64.8505, 68.2277, 74.3000**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7010, 34.9536, 54.7343** is the 20% darker color. If you saturate the color by 10%, you get **56.0257, 52.7428, 96.0355**, and if you desaturate by 10%, it is **81.2522, 83.9483, 100.7292**.

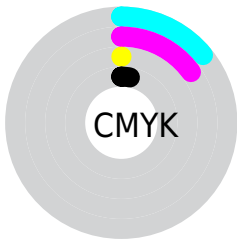
Distribution



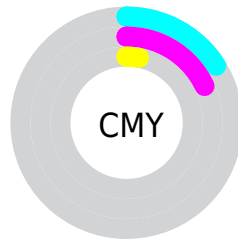
- Red (84%)
- Green (82%)
- Blue (97%)



- Red (84%)
- Yellow (82%)
- Blue (97%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7214, 67.1666, 98.2021 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 67.7214, 67.1666, 98.2021 by changing the saturation by 10% instead.

67.7214, 67.1666,
98.2021

67.7214, 67.1666,
98.2021

441.9005,
450.5376, 575.6103

49.9440, 49.2200,
74.1914

114.9976,
115.1591, 160.7145

35.5865, 34.7941,
54.4530

145.2271,
145.9738, 200.0533

24.2836, 23.5043,
38.5683

180.3379,
181.8467, 245.3385

15.6700, 14.9663,
26.1188

220.6955,
223.1622, 296.9888

9.3803, 8.7957,
16.6860

266.6652,
270.3046, 355.4225

5.0492, 4.6082,
9.8513

318.6124,

2.3112, 2.0193,

323.6584, 421.0583

5.1961

376.9024,
383.6079, 494.3147

■ 0.8004, 0.6186,
2.3021

■ 0.0000, 0.0000,
0.7324

■ 67.7214, 67.1666,
98.2021

■ 67.7214, 67.1666,
98.2021

■ 56.0257, 52.7428,
96.0355

■ 81.2522, 83.9483,
100.7292

■ 46.0801, 40.5633,
94.2088

■ 93.9435, 99.5574,
103.0732

■ 37.8018, 30.5173,
92.7061

■ 31.0989, 22.4815,
91.5083

■ 25.8705, 16.3200,
90.5946

■ 22.0042, 11.8797,
89.9413

■ 19.3705, 8.9833,
89.5210

■ 17.8144, 7.4145,
89.3002

■ 17.3718, 6.9982,
89.2432

Harmonies

Analogous

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



63.1833, 67.1666, 101.1705



67.7214, 67.1666, 98.2021



71.3678, 67.1666, 88.2339

Triad

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



67.7214, 67.1666, 98.2021



68.9152, 67.1666, 54.2725



55.4817, 67.1666, 71.2625

Complementary

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



67.7214, 67.1666, 98.2021



82.5108, 91.0228, 74.1962

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.



56.8608, 67.1666, 59.8616



67.7214, 67.1666, 98.2021



64.5009, 67.1666, 50.8225

Square

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



67.7214, 67.1666, 98.2021



72.0797, 67.1666, 62.7669



60.1095, 67.1666, 52.7406



56.2531, 67.1666, 84.5819

Rectangle

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



67.7214, 67.1666, 98.2021



72.7277, 67.1666, 79.5210



60.1095, 67.1666, 52.7406



55.7073, 67.1666, 67.0966

Sweetspot

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



67.7235, 67.1694, 98.2036



87.0432, 90.0333, 107.3982



75.9346, 85.3025, 101.2709



18.3988, 18.9823, 22.9442



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.



67.7235, 67.1694, 98.2036



68.5858, 67.1555, 103.9552



73.5311, 70.1634, 98.4754



16.4525, 16.7304, 21.7474



9.4383, 3.8083, 48.2112



0.9283, 0.3806, 4.4677

Inverse Universe

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



78.0893, 72.5841, 95.4854



81.3472, 73.8229, 100.5449



76.3160, 87.8293, 73.9063



17.9097, 17.4912, 21.3803



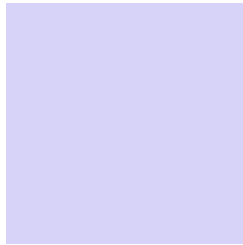
28.0590, 13.6393, 38.6148



2.6207, 1.2720, 3.6919

Previews

White Background



This preview shows how the XYZ color 67.7214, 67.1666, 98.2021 looks on a white background.

Color Contrast Check

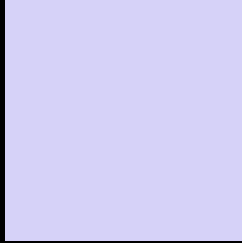
Large Text (above 18pt) WCAG AA × Fail

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 67.7214, 67.1666, 98.2021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

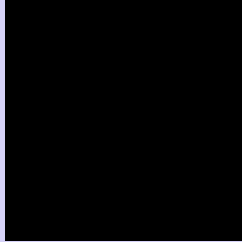
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7214, 67.1666, 98.2021

Background



This preview shows how black text looks on a background with the XYZ color 67.7214, 67.1666, 98.2021.



This preview shows how white text looks on a background with the XYZ color 67.7214, 67.1666,

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

67.7214, 67.1666, 98.2021

Protanopia

66.3745, 67.1919, 99.0936

Deuteranopia

68.6572, 67.2837, 98.1754



Tritanopia

64.9411, 67.1506, 84.4015

Trichromacy



Original Color

67.7214, 67.1666, 98.2021

Protanomaly

66.9715, 67.1297, 99.0501

Deuteranomaly

68.3590, 67.1300, 98.1614

Tritanomaly

65.9809, 67.1984, 89.6138

Monochromacy



Original Color

67.7214, 67.1666, 98.2021

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.0745, 68.1416, 83.0689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7214, 67.1666, 98.2021 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(214, 210, 248)` looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 248)  
}
```

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(214, 210, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 248) }
```

Border

The CSS property to change the border of an element to XYZ 67.7214, 67.1666, 98.2021 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(214, 210, 248) }
```


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

```
.border{ border-color:rgb(214, 210, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 210, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 248);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7214, 67.1666, 98.2021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 210, 248) }
```

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

```
.background{ background-color: rgb(214,  
210, 248) }
```

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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