

Converting Colors

XYZ(66.7113, 68.0954, 83.0264)

Have a look what the booklet for
XYZ(66.7113, 68.0954, 83.0264)
contains.

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Color

**XYZ(66.7113, 68.0954,
83.0264)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD5E4
RGB	218, 213, 228
RGB Percent	85%, 84%, 89%
CMY	0.1451, 0.1647, 0.1059
CMYK	0.04, 0.07, 0.00, 0.11
HSL	260°, 22%, 86%
HSV	260°, 7%, 89%
XYZ	66.7113, 68.0954, 83.0264
YIQ	216.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

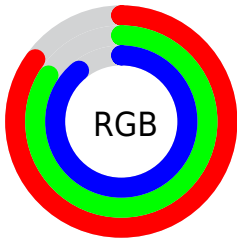
Format	Color
R_{YB}	218, 213, 228
Decimal	14341604
CIE _{Lab}	86.05, 4.46, -6.76
CIE _{LCh}	86, 8.101, 303.404
Yxy	68.0954, 0.3062, 0.3126
Android (android.graphics.Color)	4292531684 (0xFFDAD5E4)
YUV	216.2050, 5.8149, 1.5742
Hunter-Lab	82.5199, -0.1058, -1.8899

Details

The XYZ color **66.7113, 68.0954, 83.0264** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1876, 75.9806, 73.9207**, and the grayscale version is **65.3742, 68.7787, 74.9000**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8739, 35.2574, 44.5025** is the 20% darker color. If you saturate the color by 10%, you get **57.0354, 55.1855, 81.0456**, and if you desaturate by 10%, it is **77.6145, 82.8385, 85.2985**.

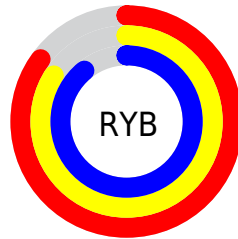
Distribution



Red (85%)

Green (84%)

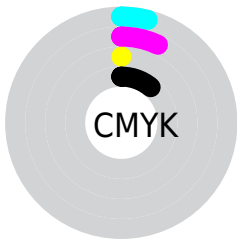
Blue (89%)



Red (85%)

Yellow (84%)

Blue (89%)

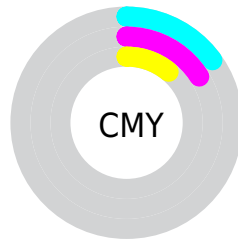


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7113, 68.0954, 83.0264 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 66.7113, 68.0954, 83.0264 by changing the saturation by 10% instead.

■ 66.7113, 68.0954,
83.0264

■ 66.7113, 68.0954,
83.0264

438.3651,
453.8339, 525.0478

■ 49.1199, 49.9754,
61.6712

113.5587,
116.4886, 139.4620

■ 34.9295, 35.3938,
44.3330

143.5454,
147.5306, 175.3795

■ 23.7748, 23.9664,
30.5933

178.3946,
183.6486, 216.9881

■ 15.2905, 15.3087,
20.0335

218.4716,
225.2271, 264.7065

■ 9.1112, 9.0363,
12.2351

264.1418,
272.6505, 318.9531

■ 4.8715, 4.7649,
6.7795

315.7706,

■ 2.2060, 2.1100,

326.3032, 380.1465

3.2482

373.7232,
386.5695, 448.7052

■ 0.7459, 0.6702,
1.2227

■ 0.0000, 0.0000,
0.0000

■ 66.7113, 68.0954,
83.0264

■ 66.7113, 68.0954,
83.0264

■ 57.0354, 55.1855,
81.0456

■ 77.6145, 82.8385,
85.2985

■ 48.5362, 44.0275,
79.3398

■ 88.6202, 97.1527,
87.4813

■ 41.1682, 34.5467,
77.8982

■ 91.0038, 98.3815,
87.5929

■ 34.8807, 26.6597,
76.7072

■ 29.6187, 20.2755,
75.7523

■ 25.3222, 15.2938,
75.0172

■ 21.9239, 11.6018,
74.4836

■ 19.3468, 9.0681,
74.1304

■ 17.4965, 7.5278,
73.9306

Harmonies

Analogous

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



64.9352, 68.0954, 84.8443



66.7113, 68.0954, 83.0264



67.9731, 68.0954, 78.8243

Triad

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



66.7113, 68.0954, 83.0264



66.3368, 68.0954, 65.3588



61.2183, 68.0954, 74.7540

Complementary

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



66.7113, 68.0954, 83.0264



70.1876, 75.9806, 73.9207

Split Complementary

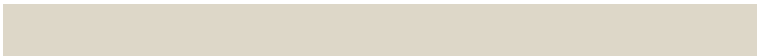
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.5775, 68.0954, 69.6533



66.7113, 68.0954, 83.0264



64.5106, 68.0954, 64.3840

Square

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



66.7113, 68.0954, 83.0264



67.7539, 68.0954, 68.6480



62.7739, 68.0954, 65.9194



61.7831, 68.0954, 79.9265

Rectangle

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



66.7113, 68.0954, 83.0264



68.3402, 68.0954, 75.3269



62.7739, 68.0954, 65.9194



61.2350, 68.0954, 72.9741

Sweetspot

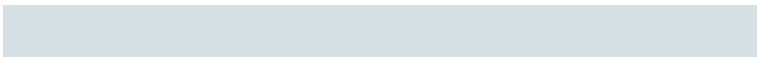
The Sweet Spot groups the original color and five complimentary colors.



66.7133, 68.0983, 83.0279



92.2044, 96.1498, 108.3068



67.9011, 72.6588, 83.8456



19.7654, 20.6204, 23.1883



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.



66.7133, 68.0983, 83.0279



84.0552, 85.1786, 106.6187



68.9293, 69.2407, 83.1316



14.0330, 14.1192, 18.1300



9.9180, 4.1788, 42.6670



0.8286, 0.3581, 3.1574

Inverse Universe

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



69.1108, 69.4133, 79.5710



87.8087, 87.2378, 101.1827



68.0011, 74.8535, 73.8184



14.7803, 14.5293, 17.0432



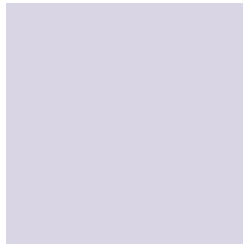
21.8064, 10.8568, 18.4072



1.6541, 0.8193, 1.5849

Previews

White Background



This preview shows how the XYZ color 66.7113, 68.0954, 83.0264 looks on a white background.

Color Contrast Check

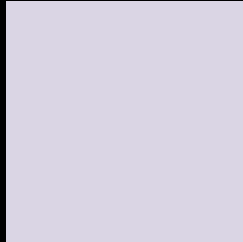
Large Text (above 18pt) WCAG AA × Fail

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 66.7113, 68.0954, 83.0264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

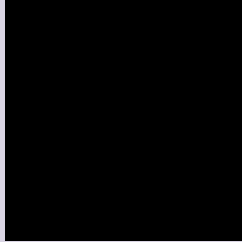
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7113, 68.0954, 83.0264

Background



This preview shows how black text looks on a background with the XYZ color 66.7113, 68.0954, 83.0264.

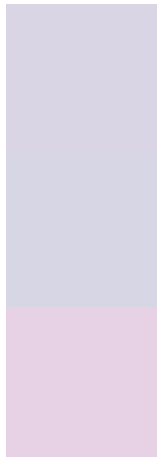


This preview shows how white text looks on a background with the XYZ color 66.7113, 68.0954,

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

66.7113, 68.0954, 83.0264

Protanopia

66.2138, 68.1974, 83.8023

Deuteranopia

69.5764, 68.0811, 83.6026



Tritanopia

66.9906, 68.2071, 84.4974

Trichromacy



Original Color

66.7113, 68.0954, 83.0264

Protanomaly

66.5083, 68.3492, 83.8161

Deuteranomaly

68.5535, 67.9191, 83.6253

Tritanomaly

66.8505, 68.1511, 83.7598

Monochromacy



Original Color

66.7113, 68.0954, 83.0264

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.8340, 68.5199, 77.4660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7113, 68.0954, 83.0264 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(218, 213, 228) looks like.

```
.text, #text, p{  
    color:rgb(218, 213, 228)  
}
```

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(218, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 213, 228) }
```

Border

The CSS property to change the border of an element to XYZ 66.7113, 68.0954, 83.0264 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(218, 213, 228) }
```


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

```
.border{ border-color:rgb(218, 213, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 213, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 213, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 213, 228);  
box-shadow:4px 4px 4px 4px rgb(218, 213,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7113, 68.0954, 83.0264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 213, 228) }
```

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

```
.background{ background-color: rgb(218,  
213, 228) }
```

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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