

Converting Colors

XYZ(66.8333, 66.7050, 88.8043)

Have a look what the booklet for
XYZ(66.8333, 66.7050, 88.8043)
contains.

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Color

**XYZ(66.8542, 66.5625,
88.6811)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD1EC
RGB	218, 209, 236
RGB Percent	85%, 82%, 93%
CMY	0.1451, 0.1804, 0.0745
CMYK	0.08, 0.11, 0.00, 0.07
HSL	260°, 42%, 87%
HSV	260°, 11%, 93%
XYZ	66.8542, 66.5625, 88.6811
YIQ	214.7690, -3.3030, 10.3050

Conversions

Conversions Part 2

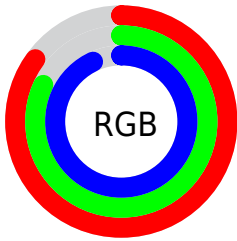
Format	Color
R _Y B	218, 209, 236
Decimal	14340588
CIE Lab	85.28, 8.10, -12.15
CIE LCh	85, 14.605, 303.698
Yxy	66.5625, 0.3010, 0.2997
Android (android.graphics.Color)	4292530668 (0xFFDAD1EC)
YUV	214.7690, 10.4669, 2.8336
Hunter-Lab	81.5858, 3.4937, -7.3362

Details

The XYZ color **66.8542, 66.5625, 88.6811** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.1851, 80.9270, 72.0881**, and the grayscale version is **64.3698, 67.7221, 73.7494**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0638, 34.5245, 47.9959** is the 20% darker color. If you saturate the color by 10%, you get **57.0036, 53.5176, 86.6834**, and if you desaturate by 10%, it is **78.0132, 81.5587, 90.9885**.

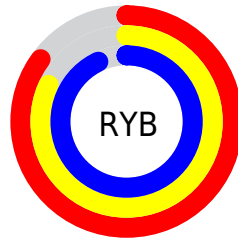
Distribution



Red (85%)

Green (82%)

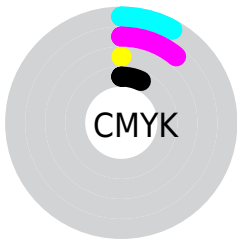
Blue (93%)



Red (85%)

Yellow (82%)

Blue (93%)

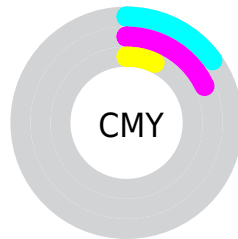


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (15%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8542, 66.5625, 88.6811 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 66.8542, 66.5625, 88.6811 by changing the saturation by 10% instead.

66.8542, 66.5625,
88.6811

66.8542, 66.5625,
88.6811

438.8663,
448.3859, 544.1901

49.2364, 48.7292,
66.3197

113.7624,
114.2933, 147.4245

35.0224, 34.4047,
48.0739

143.7836,
144.9595, 184.6436

23.8467, 23.2047,
33.5250

178.6699,
180.6722, 227.6524

15.3441, 14.7447,
22.2545

218.7867,
221.8157, 276.8693

9.1491, 8.6404,
13.8439

264.4994,
268.7745, 332.7131

4.8964, 4.5074,
7.8747

316.1733,

2.2208, 1.9612,

321.9328, 395.6021

3.9282

374.1738,
381.6751, 465.9549

■ 0.7536, 0.5848,
1.5861

■ 0.0000, 0.0000,
0.2808

■ 66.8542, 66.5625,
88.6811

■ 66.8542, 66.5625,
88.6811

■ 57.0036, 53.5176,
86.6834

■ 78.0132, 81.5587,
90.9885

■ 48.4055, 42.3339,
84.9779

■ 90.1360, 97.8028,
93.4850

■ 41.0086, 32.9270,
83.5520

■ 92.1405, 98.8362,
93.5788

■ 34.7555, 25.2023,
82.3906

■ 29.5839, 19.0562,
81.4768

■ 25.4249, 14.3734,
80.7922

■ 22.2006, 11.0221,
80.3152

■ 19.8199, 8.8452,
80.0206

■ 18.3358, 7.7035,
79.8784

Harmonies

Analogous

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



63.6761, 66.5625, 92.1782



66.8542, 66.5625, 88.6811



69.1301, 66.5625, 80.8350

Triad

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



66.8542, 66.5625, 88.6811



66.1210, 66.5625, 57.3653



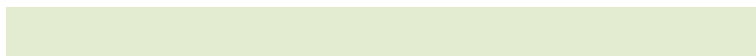
57.1387, 66.5625, 73.6544

Complementary

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



66.8542, 66.5625, 88.6811



73.1851, 80.9270, 72.0881

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.



57.7426, 66.5625, 64.7127



66.8542, 66.5625, 88.6811



62.8570, 66.5625, 55.8013

Square

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



66.8542, 66.5625, 88.6811



68.6966, 66.5625, 62.8472



59.8079, 66.5625, 58.3748



58.1288, 66.5625, 83.0395

Rectangle

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



66.8542, 66.5625, 88.6811



69.7889, 66.5625, 74.4897



59.8079, 66.5625, 58.3748



57.1622, 66.5625, 70.4975

Sweetspot

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



66.8562, 66.5653, 88.6826



90.8062, 94.2612, 108.0160



69.0295, 74.7983, 90.1571



19.1988, 19.8554, 23.0705



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.



66.8562, 66.5653, 88.6826



76.4786, 75.0615, 105.0652



70.9140, 68.6572, 88.8725



14.7042, 14.7928, 19.0025



10.2295, 4.3094, 44.0356



0.9019, 0.3893, 3.4625

Inverse Universe

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



71.2600, 68.9828, 82.2356



82.8430, 78.5570, 95.6721



69.2233, 78.8846, 71.9027



15.4890, 15.2235, 17.8605



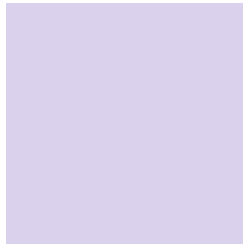
22.5015, 11.2033, 18.9738



1.8112, 0.8975, 1.7232

Previews

White Background



This preview shows how the XYZ color 66.8542, 66.5625, 88.6811 looks on a white background.

Color Contrast Check

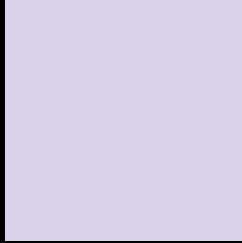
Large Text (above 18pt) WCAG AA × Fail

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 66.8542, 66.5625, 88.6811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

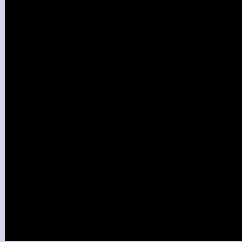
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.8542, 66.5625, 88.6811

Background



This preview shows how black text looks on a background with the XYZ color 66.8542, 66.5625, 88.6811.



This preview shows how white text looks on a background with the XYZ color 66.8542, 66.5625,

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

66.8542, 66.5625, 88.6811

Protanopia

65.5544, 66.9617, 90.3587

Deuteranopia

67.8846, 66.3698, 88.5896



Tritanopia

65.5270, 66.3910, 82.0341

Trichromacy



Original Color

66.8542, 66.5625, 88.6811

Protanomaly

66.0209, 66.8491, 89.5443

Deuteranomaly

67.5150, 66.5400, 88.6420

Tritanomaly

65.9448, 66.5581, 84.2342

Monochromacy



Original Color

66.8542, 66.5625, 88.6811

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4324, 67.5151, 79.3951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8542, 66.5625, 88.6811 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, 209, 236)` looks like.

```
.text, #text, p{  
    color:rgb(218, 209, 236)  
}
```

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, 209, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 209, 236) }
```

Border

The CSS property to change the border of an element to XYZ 66.8542, 66.5625, 88.6811 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, 209, 236) }
```


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

```
.border{ border-color:rgb(218, 209, 236) }
```

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

Here you see how a box with a 4 pixel rgb(218, 209, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 209, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 209, 236);  
box-shadow:4px 4px 4px 4px rgb(218, 209,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8542, 66.5625, 88.6811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 209, 236) }
```

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

```
.background{ background-color: rgb(218,  
209, 236) }
```

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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