

Converting Colors

XYZ(66.6971, 67.3012, 89.1475)

Have a look what the booklet for
XYZ(66.6971, 67.3012, 89.1475)
contains.

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Color

**XYZ(66.4589, 67.0917,
88.8041)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D3EC
RGB	215, 211, 236
RGB Percent	84%, 83%, 93%
CMY	0.1569, 0.1725, 0.0745
CMYK	0.09, 0.11, 0.00, 0.07
HSL	250°, 40%, 88%
HSV	250°, 11%, 93%
XYZ	66.4589, 67.0917, 88.8041
YIQ	215.0460, -5.6410, 8.6230

Conversions

Conversions Part 2

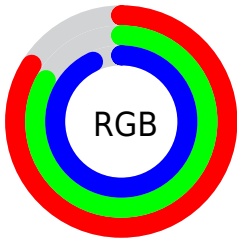
Format	Color
R _Y B	215, 211, 236
Decimal	14144492
CIE Lab	85.55, 6.07, -11.78
CIE LCh	86, 13.248, 297.273
Yxy	67.0917, 0.2989, 0.3017
Android (android.graphics.Color)	4292334572 (0xFFD7D3EC)
YUV	215.0460, 10.3303, -0.0403
Hunter-Lab	81.9095, 1.4878, -6.9440

Details

The XYZ color **66.4589, 67.0917, 88.8041** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0344, 81.8516, 73.4754**, and the grayscale version is **64.5591, 67.9212, 73.9662**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7924, 34.8828, 48.0793** is the 20% darker color. If you saturate the color by 10%, you get **55.5479, 53.3943, 86.7364**, and if you desaturate by 10%, it is **78.9402, 82.8799, 91.1947**.

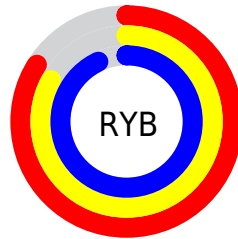
Distribution



Red (84%)

Green (83%)

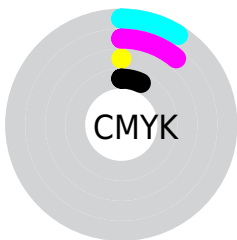
Blue (93%)



Red (84%)

Yellow (83%)

Blue (93%)

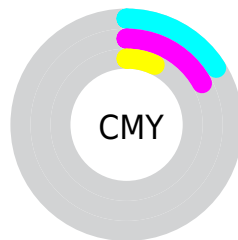


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (16%)

Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4589, 67.0917, 88.8041 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 66.4589, 67.0917, 88.8041 by changing the saturation by 10% instead.

■ 66.4589, 67.0917,
88.8041

■ 66.4589, 67.0917,
88.8041

437.4791,
450.2711, 544.6023

■ 48.9141, 49.1592,
66.4211

113.1988,
115.0518, 147.5971

■ 34.7656, 34.7457,
48.1557

143.1246,
145.8481, 184.8441

■ 23.6480, 23.4671,
33.5893

177.9082,
181.7012, 227.8829

■ 15.1961, 14.9388,
22.3035

217.9148,
222.9954, 277.1321

■ 9.0443, 8.7764,
13.8796

263.5098,
270.1151, 333.0100

■ 4.8274, 4.5956,
7.8992

315.0587,

■ 2.1801, 2.0120,

323.4446, 395.9353

3.9437

372.9266,
383.3685, 466.3266

■ 0.7322, 0.6144,
1.5945

■ 0.0000, 0.0000,
0.2869

■ 66.4589, 67.0917,
88.8041

■ 66.4589, 67.0917,
88.8041

■ 55.5479, 53.3943,
86.7364

■ 78.9402, 82.8799,
91.1947

■ 46.1387, 41.6917,
84.9734

■ 92.0136, 98.7708,
93.5729

■ 38.1667, 31.8926,
83.5022

■ 92.1405, 98.8362,
93.5789

■ 31.5599, 23.8956,
82.3068

■ 26.2404, 17.5898,
81.3700

■ 22.1221, 12.8515,
80.6725

■ 19.1077, 9.5403,
80.1923

■ 17.0842, 7.4899,
79.9032

■ 15.9302, 6.4633,
79.7658

Harmonies

Analogous

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



63.4936, 67.0917, 90.8988



66.4589, 67.0917, 88.8041



68.7648, 67.0917, 82.3883

Triad

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



66.4589, 67.0917, 88.8041



66.9505, 67.0917, 59.9703



58.1581, 67.0917, 72.2655

Complementary

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



66.4589, 67.0917, 88.8041



75.0344, 81.8516, 73.4754

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.



59.0206, 67.0917, 64.4481



66.4589, 67.0917, 88.8041



64.0445, 67.0917, 57.7080

Square

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



66.4589, 67.0917, 88.8041



69.0548, 67.0917, 65.7131



61.1520, 67.0917, 59.2814



58.7594, 67.0917, 80.9168

Rectangle

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



66.4589, 67.0917, 88.8041



69.5850, 67.0917, 76.7658



61.1520, 67.0917, 59.2814



58.2858, 67.0917, 69.4589

Sweetspot

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



66.4609, 67.0945, 88.8056



90.3329, 94.0172, 107.9938



70.9335, 77.7609, 90.6287



19.0714, 19.7897, 23.0646



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.



66.4609, 67.0945, 88.8056



75.8576, 75.7383, 105.2286



70.1943, 69.0192, 88.9803



14.4555, 14.6646, 18.9909



8.8509, 3.5987, 43.9711



0.7625, 0.3174, 3.4559

Inverse Universe

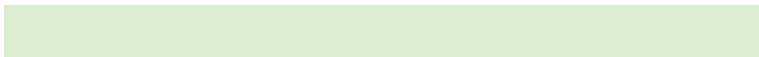
The Inverse Universe completely reimagines the original color for something new.



72.4541, 70.2505, 86.0881



84.5296, 80.3062, 101.2408



71.1950, 79.8723, 73.2957



15.6053, 15.2700, 18.4729



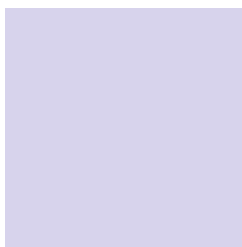
24.7434, 12.1001, 30.7798



1.9707, 0.9612, 2.5630

Previews

White Background



This preview shows how the XYZ color 66.4589, 67.0917, 88.8041 looks on a white background.

Color Contrast Check

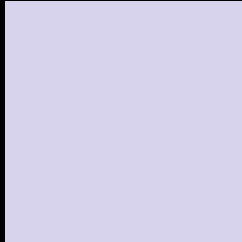
Large Text (above 18pt) WCAG AA × Fail

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 66.4589, 67.0917, 88.8041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

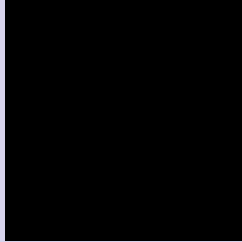
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4589, 67.0917, 88.8041

Background



This preview shows how black text looks on a background with the XYZ color 66.4589, 67.0917, 88.8041.

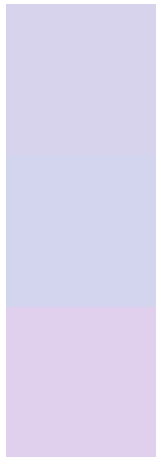


This preview shows how white text looks on a background with the XYZ color 66.4589, 67.0917,

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

66.4589, 67.0917, 88.8041

Protanopia

65.6935, 67.0503, 89.6003

Deuteranopia

68.5824, 67.0735, 89.4526



Tritanopia

65.4179, 67.0403, 83.6209

Trichromacy



Original Color

66.4589, 67.0917, 88.8041

Protanomaly

65.9809, 67.1984, 89.6138

Deuteranomaly

67.9053, 67.0875, 89.4910

Tritanomaly

65.8405, 67.2093, 85.8465

Monochromacy



Original Color

66.4589, 67.0917, 88.8041

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.3902, 67.8679, 79.4654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4589, 67.0917, 88.8041 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(215, 211, 236)` looks like.

```
.text, #text, p{  
    color:rgb(215, 211, 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(215, 211, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 211, 236) }
```

Border

The CSS property to change the border of an element to XYZ 66.4589, 67.0917, 88.8041 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(215, 211, 236) }
```


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

```
.border{ border-color:rgb(215, 211, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 211, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 211, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 211, 236);  
box-shadow:4px 4px 4px 4px rgb(215, 211,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4589, 67.0917, 88.8041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 211, 236) }
```

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

```
.background{ background-color: rgb(215,  
211, 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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