

Converting Colors

XYZ(66.3612, 66.6897, 87.9649)

Have a look what the booklet for
XYZ(66.3612, 66.6897, 87.9649)
contains.

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Color

**XYZ(66.3609, 66.6903,
87.9722)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D2EB
RGB	216, 210, 235
RGB Percent	85%, 82%, 92%
CMY	0.1529, 0.1765, 0.0784
CMYK	0.08, 0.11, 0.00, 0.08
HSL	254°, 38%, 87%
HSV	254°, 11%, 92%
XYZ	66.3609, 66.6903, 87.9722
YIQ	214.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

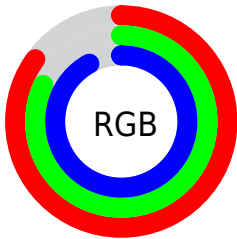
Format	Color
R _{YB}	216, 210, 235
Decimal	14209771
CIE Lab	85.35, 6.73, -11.54
CIE LCh	85, 13.358, 300.240
Yxy	66.6903, 0.3002, 0.3017
Android (android.graphics.Color)	4292399851 (0xFFD8D2EB)
YUV	214.6440, 10.0355, 1.1892
Hunter-Lab	81.6641, 2.1382, -6.7049

Details

The XYZ color **66.3609, 66.6903, 87.9722** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6568, 80.7296, 72.6763**, and the grayscale version is **64.2888, 67.6368, 73.6565**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7231, 34.6087, 47.4979** is the 20% darker color. If you saturate the color by 10%, you get **55.9866, 53.3539, 85.9458**, and if you desaturate by 10%, it is **78.1648, 82.0319, 90.3123**.

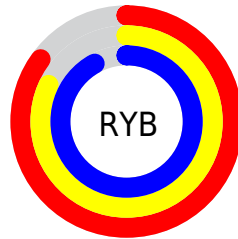
Distribution



Red (85%)

Green (82%)

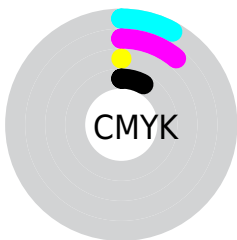
Blue (92%)



Red (85%)

Yellow (82%)

Blue (92%)

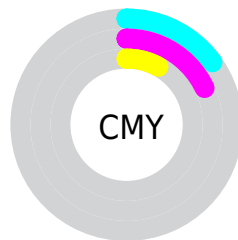


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (15%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3609, 66.6903, 87.9722 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 66.3609, 66.6903, 87.9722 by changing the saturation by 10% instead.

■ 66.3609, 66.6903,
87.9722

■ 66.3609, 66.6903,
87.9722

437.1348,
448.8416, 541.8111

■ 48.8342, 48.8330,
65.7358

113.0590,
114.4765, 146.4293

■ 34.7020, 34.4870,
47.6029

142.9612,
145.1742, 183.4870

■ 23.5988, 23.2680,
33.1547

177.7192,
180.9209, 226.3223

■ 15.1594, 14.7915,
21.9729

217.6985,
222.1008, 275.3538

■ 9.0184, 8.6732,
13.6389

263.2643,
269.0984, 330.9998

■ 4.8104, 4.5286,
7.7341

314.7820,

■ 2.1701, 1.9735,

322.2982, 393.6790

3.8399

372.6171,
382.0845, 463.8100

■ 0.7269, 0.5920,
1.5379

■ 0.0000, 0.0000,
0.2460

■ 66.3609, 66.6903,
87.9722

■ 66.3609, 66.6903,
87.9722

■ 55.9866, 53.3539,
85.9458

■ 78.1648, 82.0319,
90.3123

■ 46.9807, 41.9309,
84.2156

■ 90.8015, 98.1626,
92.7598

■ 39.2862, 32.3349,
82.7690

■ 91.9956, 98.7782,
92.8157

■ 32.8399, 24.4692,
81.5905

■ 27.5730, 18.2285,
80.6635

■ 23.4095, 13.4953,
79.9694

■ 20.2644, 10.1361,
79.4867

■ 18.0381, 7.9927,
79.1903

■ 16.6477, 6.8499,
79.0430

Harmonies

Analogous

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



63.4115, 66.6903, 90.5725



66.3609, 66.6903, 87.9722



68.5701, 66.6903, 81.1979

Triad

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



66.3609, 66.6903, 87.9722



66.3174, 66.6903, 59.0960



57.7485, 66.6903, 72.6843

Complementary

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



66.3609, 66.6903, 87.9722



73.6568, 80.7296, 72.6763

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.



58.4721, 66.6903, 64.6582



66.3609, 66.6903, 87.9722



63.3627, 66.6903, 57.2022

Square

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



66.3609, 66.6903, 87.9722



68.5444, 66.6903, 64.5463



60.5036, 66.6903, 59.1569



58.4952, 66.6903, 81.3283

Rectangle

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



66.3609, 66.6903, 87.9722



69.2921, 66.6903, 75.4741



60.5036, 66.6903, 59.1569



57.8275, 66.6903, 69.8279

Sweetspot

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



66.3629, 66.6931, 87.9737



90.5509, 94.1296, 108.0040



69.6414, 75.8328, 89.5650



19.1301, 19.8200, 23.0673



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.



66.3629, 66.6931, 87.9737



76.7014, 76.1733, 105.2681



70.1449, 68.6428, 88.1507



14.5696, 14.7234, 18.9962



9.3602, 3.8613, 43.9949



0.8191, 0.3465, 3.4586

Inverse Universe

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



71.4527, 69.4155, 83.7646



84.1172, 80.1412, 99.0691



69.8597, 78.7722, 72.4986



15.5513, 15.2484, 18.1886



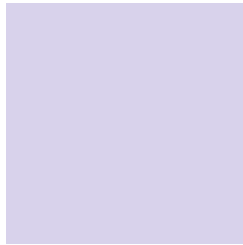
23.6274, 11.6536, 24.9028



1.8924, 0.9299, 2.1505

Previews

White Background



This preview shows how the XYZ color 66.3609, 66.6903, 87.9722 looks on a white background.

Color Contrast Check

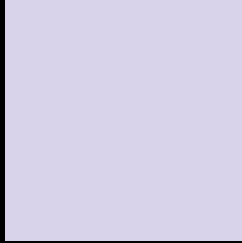
Large Text (above 18pt) WCAG AA × Fail

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 66.3609, 66.6903, 87.9722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

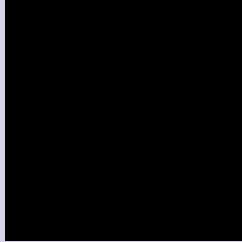
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3609, 66.6903, 87.9722

Background



This preview shows how black text looks on a background with the XYZ color 66.3609, 66.6903, 87.9722.



This preview shows how white text looks on a background with the XYZ color 66.3609, 66.6903,

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

66.3609, 66.6903, 87.9722

Protanopia

65.2621, 66.8447, 88.8195

Deuteranopia

68.1936, 66.5291, 88.6041



Tritanopia

65.3222, 66.6370, 82.8182

Trichromacy



Original Color

66.3609, 66.6903, 87.9722

Protanomaly

65.5860, 66.6417, 88.7633

Deuteranomaly

67.5150, 66.5400, 88.6420

Tritanomaly

65.7424, 66.8051, 85.0310

Monochromacy



Original Color

66.3609, 66.6903, 87.9722

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.0034, 67.3095, 78.6732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3609, 66.6903, 87.9722 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(216, 210, 235)` looks like.

```
.text, #text, p{  
    color:rgb(216, 210, 235)  
}
```

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(216, 210, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 210, 235) }
```

Border

The CSS property to change the border of an element to XYZ 66.3609, 66.6903, 87.9722 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(216, 210, 235) }
```


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

```
.border{ border-color:rgb(216, 210, 235) }
```

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

Here you see how a box with a 4 pixel rgb(216, 210, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 210, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 210, 235);  
box-shadow:4px 4px 4px 4px rgb(216, 210,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3609, 66.6903, 87.9722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 210, 235) }
```

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

```
.background{ background-color: rgb(216,  
210, 235) }
```

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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