

Converting Colors

XYZ(66.0702, 66.8954, 89.6655)

Have a look what the booklet for
XYZ(66.0702, 66.8954, 89.6655)
contains.

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Color

**XYZ(66.0209, 66.8491,
89.5443)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D3ED
RGB	213, 211, 237
RGB Percent	84%, 83%, 93%
CMY	0.1647, 0.1725, 0.0706
CMYK	0.10, 0.11, 0.00, 0.07
HSL	245°, 42%, 88%
HSV	245°, 11%, 93%
XYZ	66.0209, 66.8491, 89.5443
YIQ	214.5620, -7.1540, 8.5100

Conversions

Conversions Part 2

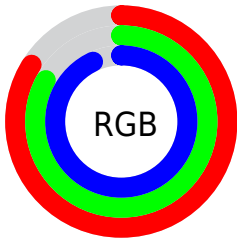
Format	Color
R _Y B	213, 211, 237
Decimal	14013421
CIE Lab	85.43, 5.62, -12.50
CIE LCh	85, 13.710, 294.209
Yxy	66.8491, 0.2968, 0.3006
Android (android.graphics.Color)	4292203501 (0xFFD5D3ED)
YUV	214.5620, 11.0619, -1.3699
Hunter-Lab	81.7613, 1.0535, -7.7010

Details

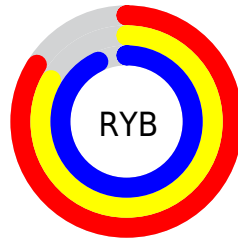
The XYZ color **66.0209, 66.8491, 89.5443** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.3055, 82.9355, 73.6177**, and the grayscale version is **64.2281, 67.5729, 73.5869**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4980, 34.7192, 48.5993** is the 20% darker color. If you saturate the color by 10%, you get **54.6380, 52.8769, 87.4484**, and if you desaturate by 10%, it is **79.1320, 83.0044, 91.9726**.

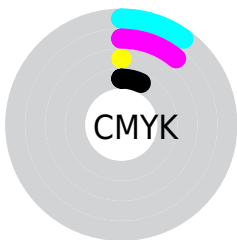
Distribution



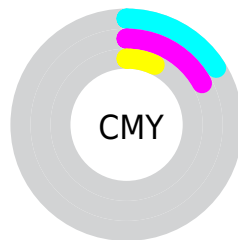
- Red (84%)
- Green (83%)
- Blue (93%)



- Red (84%)
- Yellow (83%)
- Blue (93%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0209, 66.8491, 89.5443 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 66.0209, 66.8491, 89.5443 by changing the saturation by 10% instead.

■ 66.0209, 66.8491,
89.5443

■ 66.0209, 66.8491,
89.5443

435.9391,
449.4075, 547.0792

■ 48.5571, 48.9620,
67.0312

112.5739,
114.7042, 148.6352

■ 34.4814, 34.5893,
48.6482

142.3938,
145.4409, 186.0501

■ 23.4283, 23.3467,
33.9769

177.0632,
181.2297, 229.2693

■ 15.0325, 14.8497,
22.5986

216.9474,
222.4548, 278.7114

■ 8.9287, 8.7140,
14.0949

262.4117,
269.5008, 334.7949

■ 4.7514, 4.5551,
8.0472

313.8215,

■ 2.1354, 1.9887,

322.7520, 397.9383

4.0370

371.5422,
382.5927, 468.5602

■ 0.7084, 0.6009,
1.6456

■ 0.0000, 0.0000,
0.3231

■ 66.0209, 66.8491,
89.5443

■ 66.0209, 66.8491,
89.5443

■ 54.6380, 52.8769,
87.4484

■ 79.1320, 83.0044,
91.9726

■ 44.9054, 40.9860,
85.6662

■ 92.2863, 98.8945,
94.3464

■ 36.7483, 31.0795,
84.1839

■ 30.0835, 23.0489,
82.9852

■ 24.8203, 16.7759,
82.0517

■ 20.8582, 12.1282,
81.3635

■ 18.0828, 8.9551,
80.8973

■ 16.3600, 7.0772,
80.6256

■ 15.5396, 6.2451,
80.5082

Harmonies

Analogous

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



62.9368, 66.8491, 91.1824



66.0209, 66.8491, 89.5443



68.5112, 66.8491, 83.2654

Triad

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



66.0209, 66.8491, 89.5443



67.0985, 66.8491, 59.7652



57.7746, 66.8491, 71.0735

Complementary

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



66.0209, 66.8491, 89.5443



76.3055, 82.9355, 73.6177

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.



58.8116, 66.8491, 63.2273



66.0209, 66.8491, 89.5443



64.1432, 66.8491, 57.0492

Square

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



66.0209, 66.8491, 89.5443



69.1474, 66.8491, 65.9906



61.1183, 66.8491, 58.2632



58.2406, 66.8491, 80.0354

Rectangle

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



66.0209, 66.8491, 89.5443



69.4654, 66.8491, 77.5462



61.1183, 66.8491, 58.2632



57.9579, 66.8491, 68.2272

Sweetspot

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



66.0229, 66.8519, 89.5458



90.1072, 93.9009, 107.9833



71.9369, 79.5345, 91.6821



19.0108, 19.7585, 23.0617



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.



66.0229, 66.8519, 89.5458



74.9950, 75.2936, 105.1882



69.8631, 68.8316, 89.7255



14.3384, 14.6042, 18.9854



8.5253, 3.4309, 43.9559



0.7068, 0.2887, 3.4533

Inverse Universe

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



73.2170, 70.5942, 88.3677



84.9641, 80.4800, 103.5287



72.2501, 80.8449, 73.4279



15.6620, 15.2926, 18.7712



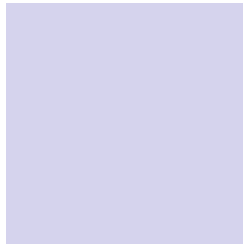
26.0560, 12.6251, 37.6916



2.0609, 0.9973, 3.0381

Previews

White Background



This preview shows how the XYZ color 66.0209, 66.8491, 89.5443 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 66.0209, 66.8491, 89.5443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

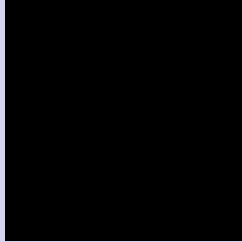
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0209, 66.8491, 89.5443

Background



This preview shows how black text looks on a background with the XYZ color 66.0209, 66.8491, 89.5443.

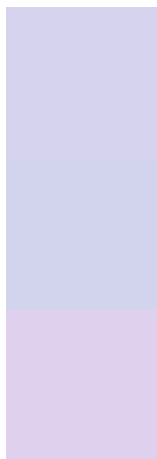


This preview shows how white text looks on a background with the XYZ color 66.0209, 66.8491,

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

66.0209, 66.8491, 89.5443

Protanopia

65.5544, 66.9617, 90.3587

Deuteranopia

68.4199, 66.9728, 90.2098



Tritanopia

64.8377, 66.7412, 83.5938

Trichromacy



Original Color

66.0209, 66.8491, 89.5443

Protanomaly

65.8401, 67.1089, 90.3721

Deuteranomaly

67.4465, 66.8340, 90.2344

Tritanomaly

65.2603, 66.9102, 85.8193

Monochromacy



Original Color

66.0209, 66.8491, 89.5443

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.0974, 67.7170, 79.4517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0209, 66.8491, 89.5443 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(213, 211, 237)` looks like.

```
.text, #text, p{  
    color:rgb(213, 211, 237)  
}
```

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(213, 211, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 211, 237) }
```

Border

The CSS property to change the border of an element to XYZ 66.0209, 66.8491, 89.5443 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(213, 211, 237) }
```


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

```
.border{ border-color:rgb(213, 211, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 211, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 211, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 211, 237);  
box-shadow:4px 4px 4px 4px rgb(213, 211,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0209, 66.8491, 89.5443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 211, 237) }
```

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

```
.background{ background-color: rgb(213,  
211, 237) }
```

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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