

Converting Colors

XYZ(66.8839, 71.1260, 89.1750)

Have a look what the booklet for
XYZ(66.8839, 71.1260, 89.1750)
contains.

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Color

**XYZ(66.8643, 71.1210,
88.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	D0DDEB
RGB	208, 221, 235
RGB Percent	82%, 87%, 92%
CMY	0.1843, 0.1333, 0.0784
CMYK	0.11, 0.06, 0.00, 0.08
HSL	211°, 40%, 87%
HSV	211°, 11%, 92%
XYZ	66.8643, 71.1210, 88.8009
YIQ	218.7090, -12.2420, 1.5980

Conversions

Conversions Part 2

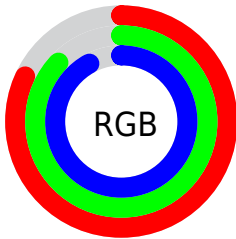
Format	Color
R _Y B	208, 217, 235
Decimal	13688299
CIE Lab	87.54, -1.62, -8.34
CIE LCh	88, 8.492, 258.993
Yxy	71.1210, 0.2948, 0.3136
Android (android.graphics.Color)	4291878379 (0xFFD0DDEB)
YUV	218.7090, 8.0315, -9.3918
Hunter-Lab	84.3333, -6.0581, -3.3977

Details

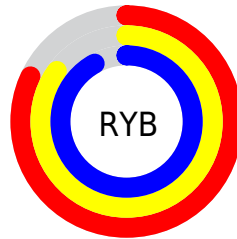
The XYZ color **66.8643, 71.1210, 88.8009** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7678, 74.4584, 70.2652**, and the grayscale version is **67.0843, 70.5779, 76.8594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9098, 37.2994, 48.0074** is the 20% darker color. If you saturate the color by 10%, you get **57.6402, 61.7646, 87.4822**, and if you desaturate by 10%, it is **77.3050, 81.4549, 90.2464**.

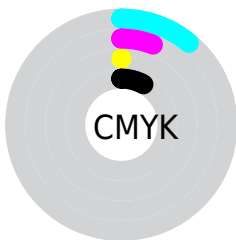
Distribution



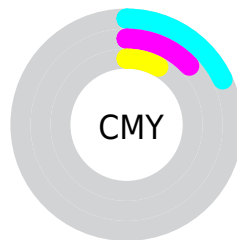
- Red (82%)
- Green (87%)
- Blue (92%)



- Red (82%)
- Yellow (85%)
- Blue (92%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8643, 71.1210, 88.8009 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 66.8643, 71.1210, 88.8009 by changing the saturation by 10% instead.

■ 66.8643, 71.1210,
88.8009

■ 66.8643, 71.1210,
88.8009

438.9017,
464.4763, 544.5916

■ 49.2446, 52.4409,
66.4185

113.7768,
120.8060, 147.5926

■ 35.0289, 37.3567,
48.1535

143.8004,
152.5797, 184.8389

■ 23.8518, 25.4838,
33.5876

178.6893,
189.4868, 227.8769

■ 15.3478, 16.4378,
22.3022

218.8090,
231.9116, 277.1252

■ 9.1518, 9.8345,
13.8787

264.5246,
280.2386, 333.0023

■ 4.8982, 5.2894,
7.8986

316.2018,

■ 2.2218, 2.4180,

334.8521, 395.9267

3.9433

374.2056,
396.1366, 466.3169

■ 0.7542, 0.8351,
1.5943

■ 0.0000, 0.0000,
0.2867

■ 66.8643, 71.1210,
88.8009

■ 66.8643, 71.1210,
88.8009

■ 57.6402, 61.7646,
87.4822

■ 77.3050, 81.4549,
90.2464

■ 49.5785, 53.3447,
86.2819

■ 89.0001, 92.7872,
91.8173

■ 42.6302, 45.8305,
85.1977

■ 91.9956, 98.7782,
92.8158

■ 36.7401, 39.1856,
84.2256

■ 31.8478, 33.3708,
83.3611

■ 27.8862, 28.3432,
82.5994

■ 24.7788, 24.0544,
81.9354

■ 22.4349, 20.4485,
81.3629

■ 20.9205, 17.8479,
80.9408

Harmonies

Analogous

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



65.0979, 71.1210, 86.0811



66.8643, 71.1210, 88.8009



68.8620, 71.1210, 88.3652

Triad

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



66.8643, 71.1210, 88.8009



71.3131, 71.1210, 73.8975



64.7281, 71.1210, 70.4114

Complementary

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



66.8643, 71.1210, 88.8009



71.7678, 74.4584, 70.2652

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.



66.3503, 71.1210, 67.4522



66.8643, 71.1210, 88.8009



70.1620, 71.1210, 69.3950

Square

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



66.8643, 71.1210, 88.8009



71.4573, 71.1210, 79.5679



68.3378, 71.1210, 67.0895



63.8809, 71.1210, 75.3478

Rectangle

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



66.8643, 71.1210, 88.8009



70.0556, 71.1210, 86.3493



68.3378, 71.1210, 67.0895



65.1993, 71.1210, 69.1631

Sweetspot

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



66.8664, 71.1240, 88.8025



91.0392, 96.0736, 108.3535



68.9001, 78.0991, 80.5166



19.2617, 20.3430, 23.1614



0.0000, 0.0000, 0.0000



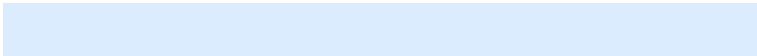
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.8664, 71.1240, 88.8025



77.4914, 82.6019, 106.4673



63.6917, 64.5865, 87.7079



14.8298, 15.7461, 19.1799



11.7695, 10.1860, 45.0887



1.0201, 0.9916, 3.5725

Inverse Universe

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



69.8696, 67.9959, 77.8521



81.8619, 78.1645, 90.5057



75.2072, 81.5576, 71.4542



15.3677, 15.1749, 17.2214



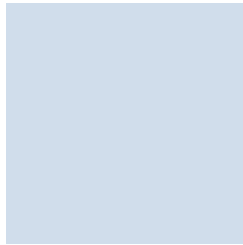
20.7960, 10.5211, 9.9930



1.6814, 0.8455, 1.0396

Previews

White Background



This preview shows how the XYZ color 66.8643, 71.1210, 88.8009 looks on a white background.

Color Contrast Check

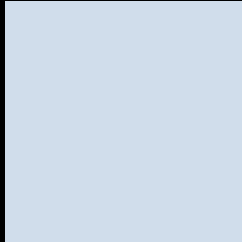
Large Text (above 18pt) WCAG AA × Fail

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 66.8643, 71.1210, 88.8009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

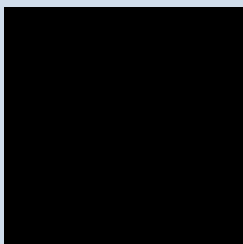
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

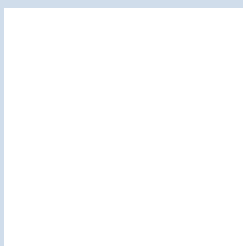
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8643, 71.1210, 88.8009

Background



This preview shows how black text looks on a background with the XYZ color 66.8643, 71.1210, 88.8009.

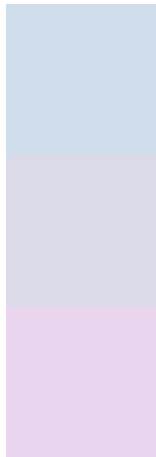


This preview shows how white text looks on a background with the XYZ color 66.8643, 71.1210,

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

66.8643, 71.1210, 88.8009

Protanopia

68.9928, 71.0861, 87.1755

Deuteranopia

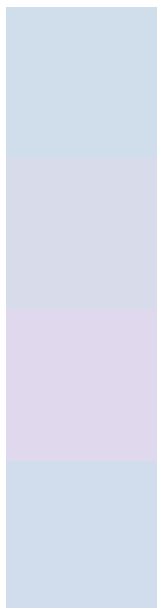
72.6846, 71.0266, 89.9994



Tritanopia

67.5836, 71.4413, 91.1164

Trichromacy



Original Color

66.8643, 71.1210, 88.8009

Protanomaly

68.2071, 71.0506, 87.9611

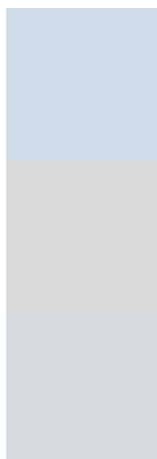
Deuteranomaly

70.4367, 71.0152, 89.3518

Tritanomaly

67.4370, 71.3826, 90.3447

Monochromacy



Original Color

66.8643, 71.1210, 88.8009

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.2081, 71.0697, 81.4097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8643, 71.1210, 88.8009 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(208, 221, 235) looks like.

```
.text, #text, p{  
    color:rgb(208, 221, 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(208, 221, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 221, 235) }
```

Border

The CSS property to change the border of an element to XYZ 66.8643, 71.1210, 88.8009 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(208, 221, 235) }
```


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

```
.border{ border-color:rgb(208, 221, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 221, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 221, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 221, 235);  
box-shadow:4px 4px 4px 4px rgb(208, 221,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8643, 71.1210, 88.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 221, 235) }
```

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

```
.background{ background-color: rgb(208,  
221, 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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