

Converting Colors

XYZ(66.1184, 68.8396, 90.0383)

Have a look what the booklet for
XYZ(66.1184, 68.8396, 90.0383)
contains.

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Color

**XYZ(66.1364, 68.7815,
89.9112)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D8ED
RGB	209, 216, 237
RGB Percent	82%, 85%, 93%
CMY	0.1804, 0.1529, 0.0706
CMYK	0.12, 0.09, 0.00, 0.07
HSL	225°, 44%, 87%
HSV	225°, 12%, 93%
XYZ	66.1364, 68.7815, 89.9112
YIQ	216.3010, -10.9130, 5.0470

Conversions

Conversions Part 2

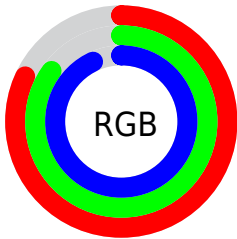
Format	Color
R _Y B	209, 215, 237
Decimal	13752557
CIE Lab	86.40, 1.71, -11.09
CIE LCh	86, 11.222, 278.752
Yxy	68.7815, 0.2942, 0.3059
Android (android.graphics.Color)	4291942637 (0xFFD1D8ED)
YUV	216.3010, 10.2046, -6.4030
Hunter-Lab	82.9346, -2.7903, -6.2233

Details

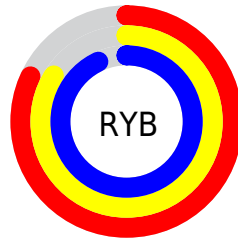
The XYZ color **66.1364, 68.7815, 89.9112** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7308, 79.2010, 71.6714**, and the grayscale version is **65.4150, 68.8217, 74.9468**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4118, 35.6960, 48.7924** is the 20% darker color. If you saturate the color by 10%, you get **55.6140, 56.9609, 88.1853**, and if you desaturate by 10%, it is **78.1528, 82.1070, 91.8510**.

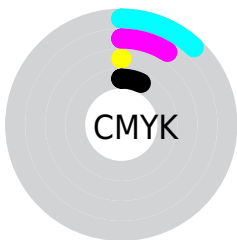
Distribution



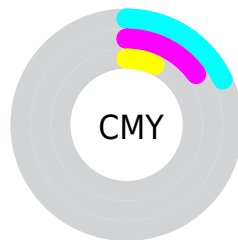
- Red (82%)
- Green (85%)
- Blue (93%)



- Red (82%)
- Yellow (84%)
- Blue (93%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1364, 68.7815, 89.9112 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 66.1364, 68.7815, 89.9112 by changing the saturation by 10% instead.

■ 66.1364, 68.7815,
89.9112

■ 66.1364, 68.7815,
89.9112

436.3455,
456.2600, 548.3046

■ 48.6513, 50.5338,
67.3337

112.7387,
117.4694, 149.1495

■ 34.5563, 35.8377,
48.8926

142.5866,
148.6784, 186.6473

■ 23.4862, 24.3089,
34.1693

177.2861,
184.9767, 229.9557

■ 15.0756, 15.5629,
22.7452

217.2026,
226.7485, 279.4932

■ 8.9591, 9.2154,
14.2020

262.7014,
274.3784, 335.6783

■ 4.7714, 4.8819,
8.1209

314.1480,

■ 2.1471, 2.1782,

328.2506, 398.9295

4.0835

371.9075,
388.7497, 469.6654

■ 0.7147, 0.7080,
1.6713

■ 0.0000, 0.0000,
0.3409

■ 66.1364, 68.7815,
89.9112

■ 66.1364, 68.7815,
89.9112

■ 55.6140, 56.9609,
88.1853

■ 78.1528, 82.1070,
91.8510

■ 46.5201, 46.5829,
86.6614

■ 91.1955, 96.7129,
93.9828

■ 38.7930, 37.5930,
85.3335

■ 92.2863, 98.8945,
94.3464

■ 32.3644, 29.9304,
84.1932

■ 27.1595, 23.5291,
83.2320

■ 23.0957, 18.3173,
82.4402

■ 20.0792, 14.2151,
81.8074

■ 17.9999, 11.1314,
81.3218

■ 16.8645, 9.2710,
81.0225

Harmonies

Analogous

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



63.5842, 68.7815, 89.0054



66.1364, 68.7815, 89.9112



68.5459, 68.7815, 86.5897

Triad

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



66.1364, 68.7815, 89.9112



69.3411, 68.7815, 66.3032



60.8365, 68.7815, 69.8342

Complementary

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



66.1364, 68.7815, 89.9112



74.7308, 79.2010, 71.6714

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.



62.3029, 68.7815, 64.2972



66.1364, 68.7815, 89.9112



67.1986, 68.7815, 62.3543

Square

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



66.1364, 68.7815, 89.9112



70.4280, 68.7815, 72.7394



64.6190, 68.7815, 61.6449



60.5692, 68.7815, 77.0853

Rectangle

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



66.1364, 68.7815, 89.9112



69.7311, 68.7815, 82.5465



64.6190, 68.7815, 61.6449



61.2037, 68.7815, 67.7248

Sweetspot

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



66.1384, 68.7844, 89.9127



89.0047, 93.3330, 107.9318



70.7973, 79.8119, 86.1947



18.8143, 19.7158, 23.0639



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.



66.1384, 68.7844, 89.9127



75.1602, 77.9396, 105.6902



66.2689, 66.2446, 89.4156



14.5373, 15.1610, 19.0824



9.2949, 5.2367, 44.2639



0.8043, 0.5601, 3.5006

Inverse Universe

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



70.1218, 68.5647, 74.5076



80.6853, 77.6939, 84.3095



74.5771, 82.0733, 72.2339



15.2200, 15.1159, 16.4438



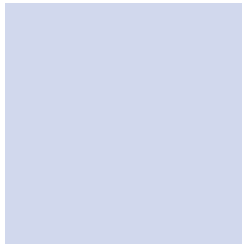
19.5469, 10.0215, 3.4154



1.5725, 0.8020, 0.4661

Previews

White Background



This preview shows how the XYZ color 66.1364, 68.7815, 89.9112 looks on a white background.

Color Contrast Check

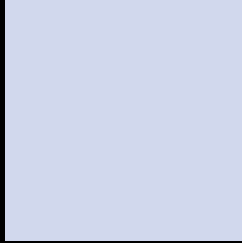
Large Text (above 18pt) WCAG AA × Fail

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 66.1364, 68.7815, 89.9112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

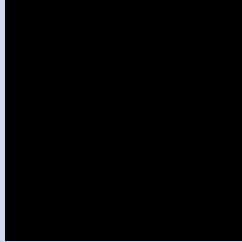
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1364, 68.7815, 89.9112

Background



This preview shows how black text looks on a background with the XYZ color 66.1364, 68.7815, 89.9112.

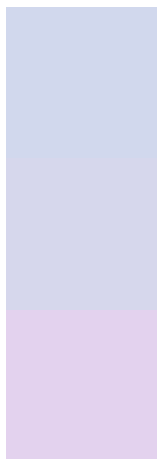


This preview shows how white text looks on a background with the XYZ color 66.1364, 68.7815,

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

66.1364, 68.7815, 89.9112

Protanopia

67.1723, 68.9531, 89.1258

Deuteranopia

70.1578, 68.5971, 90.4318



Tritanopia

65.6766, 68.9761, 87.6941

Trichromacy



Original Color

66.1364, 68.7815, 89.9112

Protanomaly

66.5921, 68.6541, 89.0987

Deuteranomaly

68.4913, 68.4757, 90.4962

Tritanomaly

65.8207, 69.0338, 88.4530

Monochromacy



Original Color

66.1364, 68.7815, 89.9112

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.4510, 68.6397, 80.3202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1364, 68.7815, 89.9112 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(209, 216, 237) looks like.

```
.text, #text, p{  
    color:rgb(209, 216, 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(209, 216, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 216, 237) }
```

Border

The CSS property to change the border of an element to XYZ 66.1364, 68.7815, 89.9112 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(209, 216, 237) }
```


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

```
.border{ border-color:rgb(209, 216, 237) }
```

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

Here you see how a box with a 4 pixel rgb(209, 216, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 216, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 216, 237);  
box-shadow:4px 4px 4px 4px rgb(209, 216,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1364, 68.7815, 89.9112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 216, 237) }
```

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

```
.background{ background-color: rgb(209,  
216, 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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