

Converting Colors

XYZ(64.2695, 67.9871, 74.8734)

Have a look what the booklet for
XYZ(64.2695, 67.9871, 74.8734)
contains.

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Color

**XYZ(64.3911, 68.2157,
74.7389)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D8D8
RGB	213, 216, 216
RGB Percent	84%, 85%, 85%
CMY	0.1647, 0.1529, 0.1529
CMYK	0.01, 0.00, 0.00, 0.15
HSL	180°, 4%, 84%
HSV	180°, 1%, 85%
XYZ	64.3911, 68.2157, 74.7389
YIQ	215.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

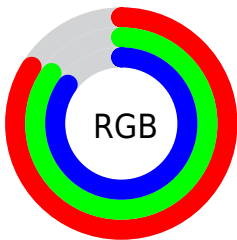
Format	Color
R _Y B	213, 215, 216
Decimal	14014680
CIE Lab	86.11, -1.01, -0.37
CIE LCh	86, 1.075, 199.873
Yxy	68.2157, 0.3105, 0.3290
Android (android.graphics.Color)	4292204760 (0xFFD5D8D8)
YUV	215.1030, 0.4422, -1.8443
Hunter-Lab	82.5928, -5.3750, 4.1629

Details

The XYZ color **64.3911, 68.2157, 74.7389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1259, 66.9933, 72.5054**, and the grayscale version is **64.6607, 68.0280, 74.0825**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2784, 35.3320, 38.7840** is the 20% darker color. If you saturate the color by 10%, you get **58.5356, 65.1994, 74.4491**, and if you desaturate by 10%, it is **71.0850, 71.6681, 75.0708**.

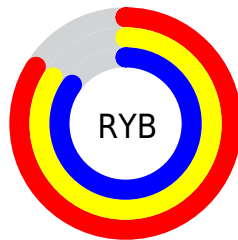
Distribution



Red (84%)

Green (85%)

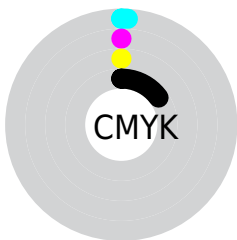
Blue (85%)



Red (84%)

Yellow (84%)

Blue (85%)

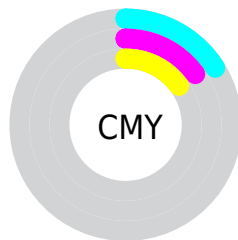


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3911, 68.2157, 74.7389 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 64.3911, 68.2157, 74.7389 by changing the saturation by 10% instead.

■ 64.3911, 68.2157,
74.7389

■ 64.3911, 68.2157,
74.7389

430.1805,
454.2599, 496.2511

■ 47.2304, 50.0732,
54.8986

110.2446,
116.6607, 127.6864

■ 33.4265, 35.4716,
38.9225

139.6681,
147.7320, 161.6306

■ 22.6142, 24.0264,
26.3921

173.9098,
183.8816, 201.1133

■ 14.4280, 15.3532,
16.8888

213.3352,
225.4941, 246.5528

■ 8.5026, 9.0676,
9.9941

258.3096,
272.9538, 298.3678

■ 4.4727, 4.7853,
5.2895

309.1984,

■ 1.9729, 2.1219,

326.6450, 356.9769

2.3564

366.3669,
386.9523, 422.7984

■ 0.6187, 0.6769,
0.7626

■ 0.0000, 0.0000,
0.0000

■ 64.3911, 68.2157,
74.7389

■ 64.3911, 68.2157,
74.7389

■ 58.5356, 65.1994,
74.4491

■ 71.0850, 71.6681,
75.0708

■ 53.4799, 62.5935,
74.1953


■ 78.1986, 75.3349,
75.4209


■ 49.1911, 60.3829,
73.9774


■ 78.2019, 75.3362,
75.4382


■ 45.6317, 58.5483,
73.7936


■ 78.2052, 75.3375,
75.4556


 42.7611, 57.0689,
73.6421


 78.2085, 75.3389,
75.4730


 40.5348, 55.9215,
73.5207


 78.2118, 75.3402,
75.4903

 38.9029, 55.0806,
73.4271

 78.2151, 75.3415,
75.5077

 37.8084, 54.5168,
73.3587

 78.2184, 75.3428,
75.5251

 37.1831, 54.1948,
73.3123

 78.2217, 75.3441,
75.5425

Harmonies

Analogous

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



64.3703, 68.2157, 74.0363



64.3911, 68.2157, 74.7389



64.5312, 68.2157, 75.3208

Triad

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



64.3911, 68.2157, 74.7389



65.2010, 68.2157, 75.1559



64.9206, 68.2157, 72.9436

Complementary

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



64.3911, 68.2157, 74.7389



64.1259, 66.9933, 72.5054

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.



65.1437, 68.2157, 73.2395



64.3911, 68.2157, 74.7389



65.3059, 68.2157, 74.5148

Square

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



64.3911, 68.2157, 74.7389



64.9987, 68.2157, 75.5626



65.2849, 68.2157, 73.8136



64.6756, 68.2157, 73.0027

Rectangle

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



64.3911, 68.2157, 74.7389



64.6736, 68.2157, 75.5605



65.2849, 68.2157, 73.8136



65.0006, 68.2157, 73.0048

Sweetspot

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



64.3930, 68.2186, 74.7404

95.0500, 100.0000, 108.9000



64.0231, 68.0723, 72.7167



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



64.3930, 68.2186, 74.7404



93.1975, 99.0451, 108.8082



64.0232, 67.4782, 74.6194



13.7479, 14.6006, 16.0304



21.8518, 31.9961, 43.3768



1.3182, 1.9299, 2.6174

Inverse Universe

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



64.1259, 66.9933, 72.5054



92.6351, 96.4653, 104.1025



64.4923, 67.7267, 72.6253



13.6705, 14.2457, 15.3831



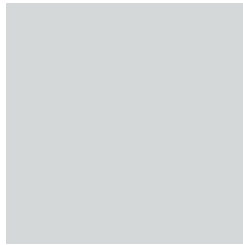
16.7630, 8.6415, 0.7903



1.0113, 0.5213, 0.0488

Previews

White Background



This preview shows how the XYZ color 64.3911, 68.2157, 74.7389 looks on a white background.

Color Contrast Check

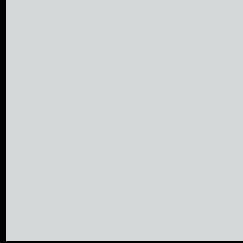
Large Text (above 18pt) WCAG AA × Fail

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 64.3911, 68.2157, 74.7389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

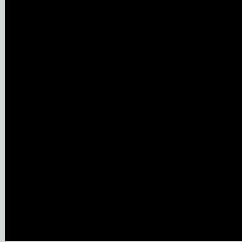
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

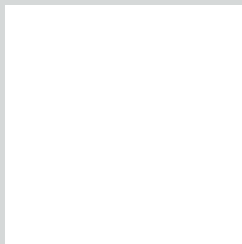
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3911, 68.2157, 74.7389

Background



This preview shows how black text looks on a background with the XYZ color 64.3911, 68.2157, 74.7389.

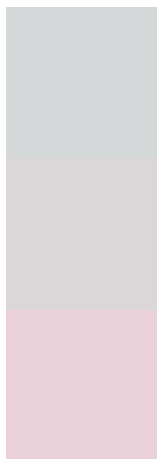


This preview shows how white text looks on a background with the XYZ color 64.3911, 68.2157, 74.7389.

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

64.3911, 68.2157, 74.7389

Protanopia

65.5257, 68.0595, 73.9732

Deuteranopia

69.5858, 68.2729, 75.1561



Tritanopia

66.4947, 68.3097, 85.2818

Trichromacy



Original Color

64.3911, 68.2157, 74.7389

Protanomaly

65.1815, 68.2589, 74.0298

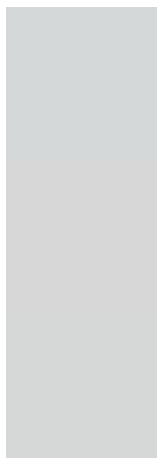
Deuteranomaly

67.7464, 68.4276, 75.2829

Tritanomaly

65.7595, 68.3880, 81.6858

Monochromacy



Original Color

64.3911, 68.2157, 74.7389

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.2977, 67.8033, 73.9885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3911, 68.2157, 74.7389 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, 216, 216) looks like.

```
.text, #text, p{  
    color:rgb(213, 216, 216)  
}
```

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, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 216) }
```

Border

The CSS property to change the border of an element to XYZ 64.3911, 68.2157, 74.7389 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, 216, 216) }
```

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

```
.border{ border-color:rgb(213, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 216, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 216, 216); box-shadow:4px 4px 4px 4px rgb(213, 216, 216) }
```


Background

The CSS property to change the background color of an element to XYZ 64.3911, 68.2157, 74.7389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 216, 216) }
```

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

```
.background{ background-color: rgb(213,  
216, 216) }
```

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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