

Converting Colors

XYZ(64.1711, 68.1613, 72.0616)

Have a look what the booklet for
XYZ(64.1711, 68.1613, 72.0616)
contains.

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Color

**XYZ(64.1711, 68.1613,
72.0616)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D8D4
RGB	214, 216, 212
RGB Percent	84%, 85%, 83%
CMY	0.1608, 0.1529, 0.1686
CMYK	0.01, 0.00, 0.02, 0.15
HSL	90°, 5%, 84%
HSV	90°, 2%, 85%
XYZ	64.1711, 68.1613, 72.0616
YIQ	214.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

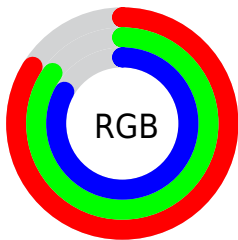
Format	Color
RYB	212, 216, 214
Decimal	14080212
CIELab	86.09, -1.39, 1.72
CIELCh	86, 2.215, 129.043
Yxy	68.1613, 0.3140, 0.3335
Android (android.graphics.Color)	4292270292 (0xFFD6D8D4)
YUV	214.9460, -1.4524, -0.8296
Hunter-Lab	82.5599, -5.7375, 6.0412

Details

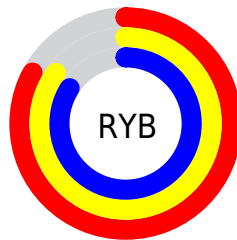
The XYZ color **64.1711, 68.1613, 72.0616** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6722, 66.3427, 74.4187**, and the grayscale version is **64.5659, 67.9283, 73.9740**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1287, 35.2950, 36.9648** is the 20% darker color. If you saturate the color by 10%, you get **58.5762, 65.5731, 58.5149**, and if you desaturate by 10%, it is **70.3438, 71.0092, 87.5411**.

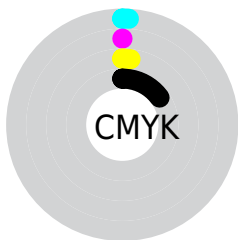
Distribution



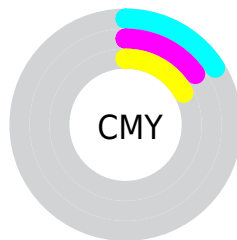
- Red (84%)
- Green (85%)
- Blue (83%)



- Red (83%)
- Yellow (85%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1711, 68.1613, 72.0616 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 64.1711, 68.1613, 72.0616 by changing the saturation by 10% instead.

■ 64.1711, 68.1613,
72.0616

■ 64.1711, 68.1613,
72.0616

429.3997,
454.0673, 486.7393

■ 47.0515, 50.0290,
52.7219

109.9297,
116.5829, 123.8526

■ 33.2845, 35.4364,
37.1946

139.2993,
147.6409, 157.1410

■ 22.5047, 23.9992,
25.0612

173.4830,
183.7763, 195.9160

■ 14.3469, 15.3331,
15.9032

212.8461,
225.3734, 240.5962

■ 8.4457, 9.0535,
9.3021

257.7540,
272.8167, 291.6000

■ 4.4356, 4.7761,
4.8392

308.5720,

■ 1.9514, 2.1165,

326.4905, 349.3462

2.0962

365.6654,
386.7792, 414.2531

■ 0.6064, 0.6739,
0.6135

■ 0.0000, 0.0000,
0.0000

■ 64.1711, 68.1613,
72.0616

■ 64.1711, 68.1613,
72.0616

■ 58.5762, 65.5731,
58.5149

■ 70.3438, 71.0092,
87.5411

■ 53.5350, 63.2278,
46.8206

■ 77.0735, 74.1023,
104.8487

■ 49.0299, 61.1203,
36.8994

■ 80.7644, 76.0051,
105.0214

■ 45.0403, 59.2417,
28.6644

■ 83.8472, 77.5943,
105.1657

■ 41.5437, 57.5825,
22.0214

■ 38.5160, 56.1327,
16.8671

■ 35.9306, 54.8809,
13.0857

■ 33.7574, 53.8145,
10.5447

■ 31.9609, 52.9189,
9.0850

Harmonies

Analogous

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



64.6317, 68.1613, 71.4839



64.1711, 68.1613, 72.0616



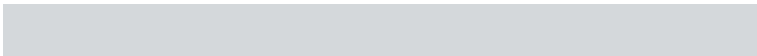
63.8761, 68.1613, 73.2187

Triad

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



64.1711, 68.1613, 72.0616



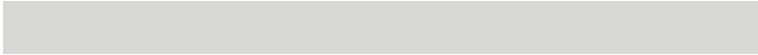
64.4361, 68.1613, 76.8629



65.7560, 68.1613, 73.7766

Complementary

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



64.1711, 68.1613, 72.0616



63.6722, 66.3427, 74.4187

Split Complementary

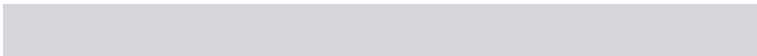
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.7030, 68.1613, 75.2225



64.1711, 68.1613, 72.0616



64.9391, 68.1613, 77.0170

Square

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



64.1711, 68.1613, 72.0616



64.0286, 68.1613, 75.9946



65.4033, 68.1613, 76.4131



65.5479, 68.1613, 72.4655

Rectangle

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



64.1711, 68.1613, 72.0616



63.8122, 68.1613, 74.1693



65.4033, 68.1613, 76.4131



65.7682, 68.1613, 74.2629

Sweetspot

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



64.1730, 68.1642, 72.0631



94.1742, 99.5956, 106.7302



64.2516, 67.4480, 71.9207



20.1664, 21.3218, 22.8675



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.



64.1730, 68.1642, 72.0631



93.3069, 99.1950, 104.5890



63.5928, 67.8651, 72.0359



13.7630, 14.6212, 15.4501



18.3128, 31.0169, 5.0217



1.2000, 1.9200, 0.3074

Inverse Universe

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



63.6722, 66.3427, 74.4187



92.5134, 96.3091, 108.3213



64.2596, 66.6455, 74.4462



13.6538, 14.2242, 15.9634



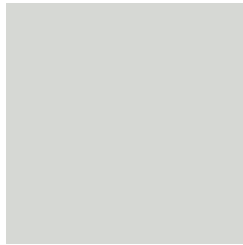
11.1282, 4.8893, 38.8104



0.7667, 0.3441, 2.3453

Previews

White Background



This preview shows how the XYZ color 64.1711, 68.1613, 72.0616 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 64.1711, 68.1613, 72.0616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

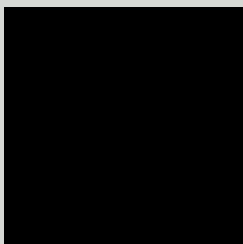
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

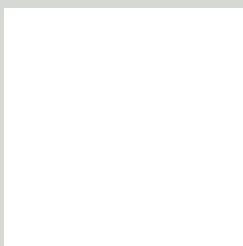
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1711, 68.1613, 72.0616

Background



This preview shows how black text looks on a background with the XYZ color 64.1711, 68.1613, 72.0616.

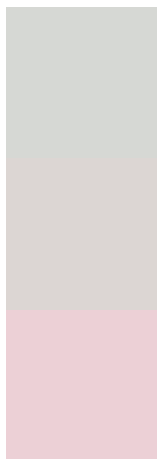


This preview shows how white text looks on a background with the XYZ color 64.1711, 68.1613, 72.0616.

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

64.1711, 68.1613, 72.0616

Protanopia

65.3196, 68.0119, 71.3129

Deuteranopia

69.2855, 67.7997, 73.0532



Tritanopia

66.6924, 68.0534, 84.4835

Trichromacy



Original Color

64.1711, 68.1613, 72.0616

Protanomaly

64.9718, 68.2095, 71.3694

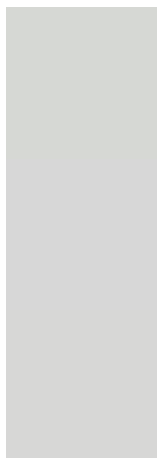
Deuteranomaly

67.2994, 67.8866, 72.5072

Tritanomaly

65.6848, 68.0198, 79.4792

Monochromacy



Original Color

64.1711, 68.1613, 72.0616

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.4624, 67.9030, 73.3274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1711, 68.1613, 72.0616 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(214, 216, 212) looks like.

```
.text, #text, p{  
    color:rgb(214, 216, 212)  
}
```

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(214, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 216, 212) }
```

Border

The CSS property to change the border of an element to XYZ 64.1711, 68.1613, 72.0616 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(214, 216, 212) }
```


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

```
.border{ border-color:rgb(214, 216, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(214, 216,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1711, 68.1613, 72.0616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 216, 212) }
```

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

```
.background{ background-color: rgb(214,  
216, 212) }
```

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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