

Converting Colors

XYZ(64.8952, 70.4745, 72.4658)

Have a look what the booklet for
XYZ(64.8952, 70.4745, 72.4658)
contains.

XYZ(64.8915, 70.4634, 72.4680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.8915, 70.4634,
72.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DDD4
RGB	212, 221, 212
RGB Percent	83%, 87%, 83%
CMY	0.1686, 0.1333, 0.1686
CMYK	0.04, 0.00, 0.04, 0.13
HSL	120°, 12%, 85%
HSV	120°, 4%, 87%
XYZ	64.8915, 70.4634, 72.4680
YIQ	217.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

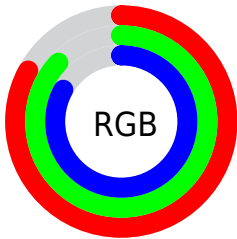
Format	Color
R_{YB}	212, 221, 221
Decimal	13950420
CIE Lab	87.22, -4.66, 3.35
CIE LCh	87, 5.740, 144.260
Yxy	70.4634, 0.3122, 0.3391
Android (android.graphics.Color)	4292140500 (0xFFD4DDD4)
YUV	217.2830, -2.6045, -4.6332
Hunter-Lab	83.9425, -8.9104, 7.5744

Details

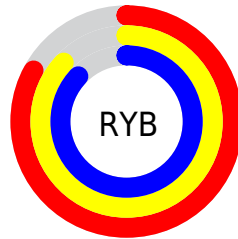
The XYZ color **64.8915, 70.4634, 72.4680** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4160, 67.6814, 77.9734**, and the grayscale version is **66.1676, 69.6135, 75.8091**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6266, 36.8749, 37.2435** is the 20% darker color. If you saturate the color by 10%, you get **56.3518, 66.3634, 58.4981**, and if you desaturate by 10%, it is **74.6889, 75.1717, 88.4917**.

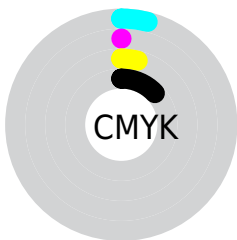
Distribution



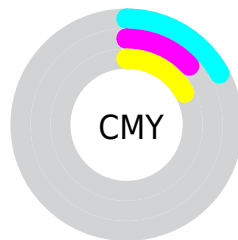
- Red (83%)
- Green (87%)
- Blue (83%)



- Red (83%)
- Yellow (87%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8915, 70.4634, 72.4680 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 64.8915, 70.4634, 72.4680 by changing the saturation by 10% instead.

■ 64.8915, 70.4634,
72.4680

■ 64.8915, 70.4634,
72.4680

431.9533,
462.1754, 488.1902

■ 47.6375, 51.9044,
53.0519

110.9604,
119.8694, 124.4356

■ 33.7499, 36.9289,
37.4562

140.5061,
151.4851, 157.8241

■ 22.8635, 25.1524,
25.2623

174.8796,
188.2219, 196.7072

■ 14.6129, 16.1907,
16.0518

214.4464,
230.4642, 241.5035

■ 8.6327, 9.6592,
9.4061

259.5718,
278.5962, 292.6313

■ 4.5576, 5.1736,
4.9066

310.6212,

■ 2.0222, 2.3495,

333.0025, 350.5094

2.1348

367.9599,
394.0675, 415.5561

■ 0.6464, 0.7997,
0.6364

■ 0.0000, 0.0000,
0.0000

■ 64.8915, 70.4634,
72.4680

■ 64.8915, 70.4634,
72.4680

■ 56.3518, 66.3634,
58.4981

■ 74.6889, 75.1717,
88.4917

■ 49.0132, 62.8383,
46.4945

■ 85.1478, 80.1956,
105.5993

■ 42.8237, 59.8652,
36.3704

■ 37.7251, 57.4161,
28.0308

■ 33.6542, 55.4606,
21.3721

■ 30.5414, 53.9654,
16.2804

■ 28.3082, 52.8927,
12.6276

■ 26.8640, 52.1989,
10.2652

■ 26.0985, 51.8312,
9.0130

Harmonies

Analogous

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



65.9140, 70.4634, 70.1522



64.8915, 70.4634, 72.4680



64.4274, 70.4634, 75.9827

Triad

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



64.8915, 70.4634, 72.4680



66.7145, 70.4634, 84.3480



69.3643, 70.4634, 73.7129

Complementary

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



64.8915, 70.4634, 72.4680



66.4160, 67.6814, 77.9734

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.



69.5855, 70.4634, 77.4674



64.8915, 70.4634, 72.4680



68.0440, 70.4634, 83.6911

Square

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



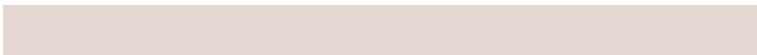
64.8915, 70.4634, 72.4680



65.4708, 70.4634, 82.9069



69.0993, 70.4634, 81.1407



68.4987, 70.4634, 70.8539

Rectangle

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



64.8915, 70.4634, 72.4680



64.4926, 70.4634, 78.5657



69.0993, 70.4634, 81.1407



69.5169, 70.4634, 74.9087

Sweetspot

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



64.8935, 70.4664, 72.4695



93.7102, 99.3564, 106.7085



67.5620, 71.8421, 72.5943



20.0720, 21.2731, 22.8631



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.



64.8935, 70.4664, 72.4695



88.5284, 96.8674, 98.2329



65.4695, 70.6968, 75.5027



13.5917, 14.9449, 15.0190



15.0204, 30.0408, 5.0069



0.9731, 1.9462, 0.3244

Inverse Universe

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



66.4160, 67.6814, 77.9734



91.1166, 92.1332, 107.5887



65.8241, 67.4446, 74.8562



14.0397, 14.1254, 16.6386



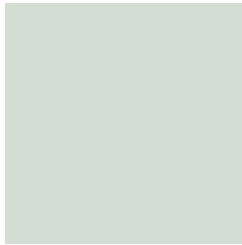
24.9035, 11.9625, 40.7336



1.6134, 0.7750, 2.6389

Previews

White Background



This preview shows how the XYZ color 64.8915, 70.4634, 72.4680 looks on a white background.

Color Contrast Check

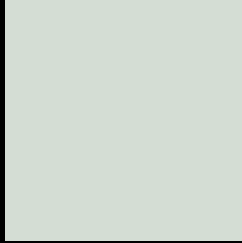
Large Text (above 18pt) WCAG AA × Fail

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 64.8915, 70.4634, 72.4680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

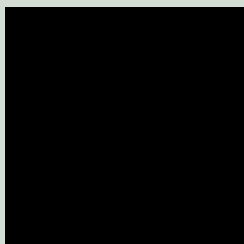
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

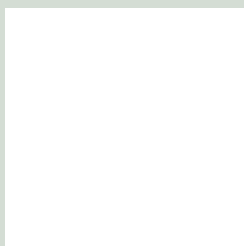
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8915, 70.4634, 72.4680

Background



This preview shows how black text looks on a background with the XYZ color 64.8915, 70.4634, 72.4680.

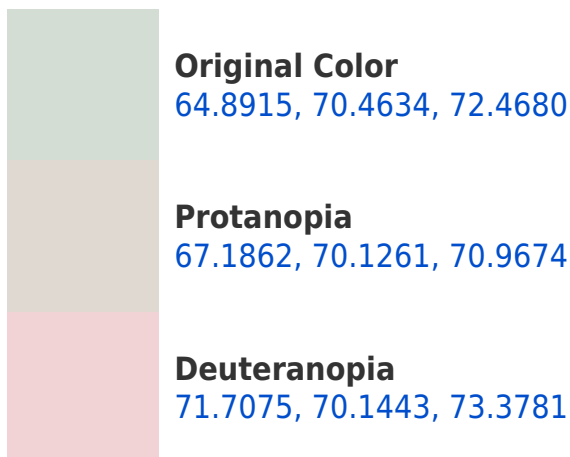


This preview shows how white text looks on a background with the XYZ color 64.8915, 70.4634,

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





Tritanopia

68.3857, 70.7399, 88.6471

Trichromacy



Original Color

64.8915, 70.4634, 72.4680

Protanomaly

66.3445, 70.0616, 71.6545

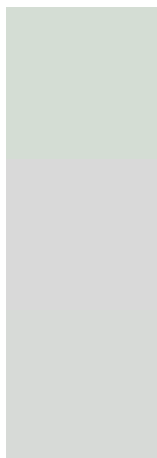
Deuteranomaly

68.9438, 70.2280, 72.8724

Tritanomaly

67.2210, 70.6562, 82.7681

Monochromacy



Original Color

64.8915, 70.4634, 72.4680

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.3615, 69.4962, 74.2592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8915, 70.4634, 72.4680 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(212, 221, 212) looks like.

```
.text, #text, p{  
    color:rgb(212, 221, 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(212, 221, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 221, 212) }
```

Border

The CSS property to change the border of an element to XYZ 64.8915, 70.4634, 72.4680 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(212, 221, 212) }
```


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

```
.border{ border-color:rgb(212, 221, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 221, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(212, 221,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8915, 70.4634, 72.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 221, 212) }
```

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

```
.background{ background-color: rgb(212,  
221, 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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