

Converting Colors

XYZ(64.9492, 67.9869, 73.7110)

Have a look what the booklet for
XYZ(64.9492, 67.9869, 73.7110)
contains.

XYZ(65.1815, 68.2589, 74.0298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(65.1815, 68.2589,
74.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D7D7
RGB	217, 215, 215
RGB Percent	85%, 84%, 84%
CMY	0.1490, 0.1568, 0.1569
CMYK	0.00, 0.01, 0.01, 0.15
HSL	0°, 3%, 85%
HSV	0°, 1%, 85%
XYZ	65.1815, 68.2589, 74.0298
YIQ	215.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

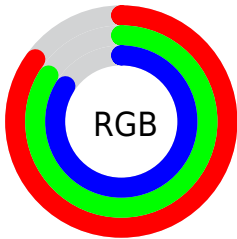
Format	Color
RYB	217, 215, 215
Decimal	14276567
CIELab	86.14, 0.69, 0.23
CIELCh	86, 0.723, 18.653
Yxy	68.2589, 0.3142, 0.3290
Android (android.graphics.Color)	4292466647 (0xFFD9D7D7)
YUV	215.5980, -0.2948, 1.2296
Hunter-Lab	82.6189, -3.7571, 4.7071

Details

The XYZ color **65.1815, 68.2589, 74.0298** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3617, 69.0818, 75.5359**, and the grayscale version is **64.9999, 68.3849, 74.4712**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8163, 35.3611, 38.3008** is the 20% darker color. If you saturate the color by 10%, you get **57.4214, 56.9084, 58.5865**, and if you desaturate by 10%, it is **74.0456, 81.2236, 91.6675**.

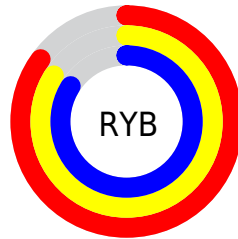
Distribution



Red (85%)

Green (84%)

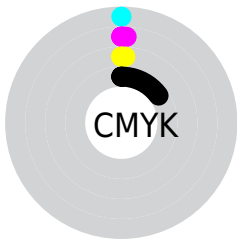
Blue (84%)



Red (85%)

Yellow (84%)

Blue (84%)

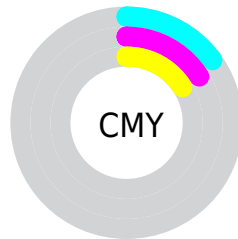


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1815, 68.2589, 74.0298 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 65.1815, 68.2589, 74.0298 by changing the saturation by 10% instead.

■ 65.1815, 68.2589,
74.0298

■ 65.1815, 68.2589,
74.0298

432.9788,
454.4128, 493.7424

■ 47.8735, 50.1084,
54.3215

111.3750,
116.7224, 126.6725

■ 33.9376, 35.4995,
38.4638

140.9913,
147.8043, 160.4439

■ 23.0083, 24.0479,
26.0383

175.4410,
183.9653, 199.7402

■ 14.7204, 15.3692,
16.6262

215.0895,
225.5900, 244.9798

■ 8.7084, 9.0789,
9.8092

260.3022,
273.0627, 296.5813

■ 4.6071, 4.7927,
5.1687

311.4444,

■ 2.0510, 2.1261,

326.7678, 354.9632

2.2861

368.8815,
387.0897, 420.5440

■ 0.6624, 0.6793,
0.7234

■ 0.0000, 0.0000,
0.0000

■ 65.1815, 68.2589,
74.0298

■ 65.1815, 68.2589,
74.0298

■ 57.4214, 56.9084,
58.5865

■ 74.0456, 81.2236,
91.6675

■ 50.7165, 47.1005,
45.2474

■ 82.4257, 93.4920,
108.3092

■ 45.0231, 38.7715,
33.9230

■ 40.2921, 31.8495,
24.5154

■ 36.4704, 26.2570,
16.9185

■ 33.4996, 21.9087,
11.0160

■ 31.3147, 18.7098,
6.6782

■ 29.8412, 16.5513,
3.7565

■ 28.9907, 15.3040,
2.0739

Harmonies

Analogous

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



65.1921, 68.2589, 74.5027



65.1815, 68.2589, 74.0298



65.0895, 68.2589, 73.6369

Triad

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



65.1815, 68.2589, 74.0298



64.6383, 68.2589, 73.7190



64.8151, 68.2589, 75.2239

Complementary

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



65.1815, 68.2589, 74.0298



65.3617, 69.0818, 75.5359

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.



64.6670, 68.2589, 75.0120



65.1815, 68.2589, 74.0298



64.5650, 68.2589, 74.1423

Square

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



65.1815, 68.2589, 74.0298



64.7758, 68.2589, 73.4580



64.5755, 68.2589, 74.6156



64.9804, 68.2589, 75.1935

Rectangle

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



65.1815, 68.2589, 74.0298



64.9945, 68.2589, 73.4726



64.5755, 68.2589, 74.6156



64.7617, 68.2589, 75.1786

Sweetspot

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



65.1834, 68.2618, 74.0313

95.0500, 100.0000, 108.9000



65.4412, 68.3634, 75.3931



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.



65.1834, 68.2618, 74.0313



93.8355, 98.2236, 106.4832



65.4379, 68.7709, 74.1161



14.5446, 15.2298, 16.5154



17.3257, 8.9369, 0.8118



1.1231, 0.5804, 0.0528

Inverse Universe

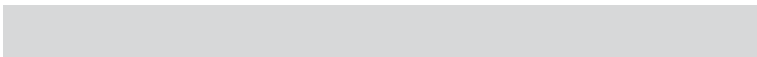
The Inverse Universe completely reimagines the original color for something new.



65.3617, 69.0818, 75.5359



94.1166, 99.5166, 108.8559



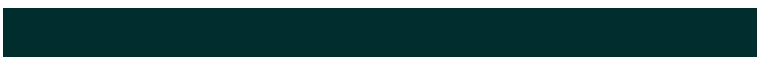
65.1056, 68.5697, 75.4506



14.5854, 15.4172, 16.8592



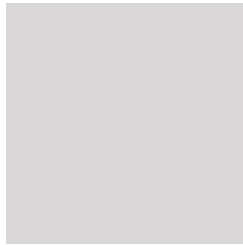
22.5404, 32.9502, 44.9104



1.4610, 2.1360, 2.9097

Previews

White Background



This preview shows how the XYZ color 65.1815, 68.2589, 74.0298 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 65.1815, 68.2589, 74.0298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

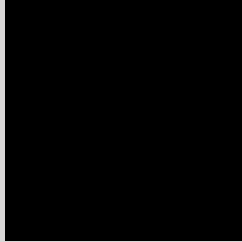
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

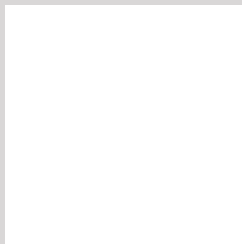
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1815, 68.2589, 74.0298

Background



This preview shows how black text looks on a background with the XYZ color 65.1815, 68.2589, 74.0298.

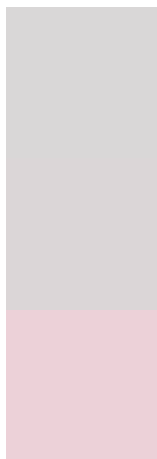


This preview shows how white text looks on a background with the XYZ color 65.1815, 68.2589,

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

65.1815, 68.2589, 74.0298

Protanopia

65.5257, 68.0595, 73.9732

Deuteranopia

69.7872, 68.3917, 74.4885



Tritanopia

67.2906, 68.3617, 84.5115

Trichromacy



Original Color

65.1815, 68.2589, 74.0298

Protanomaly

65.2258, 67.9049, 73.9592

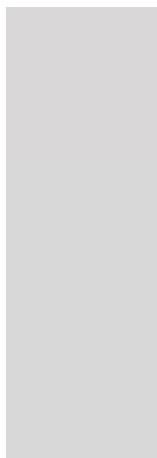
Deuteranomaly

68.0020, 68.2044, 74.5464

Tritanomaly

66.5506, 68.4348, 80.9358

Monochromacy



Original Color

65.1815, 68.2589, 74.0298

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.2694, 68.6685, 74.7800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1815, 68.2589, 74.0298 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(217, 215, 215) looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 215)  
}
```

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(217, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 215) }
```

Border

The CSS property to change the border of an element to XYZ 65.1815, 68.2589, 74.0298 is called "border". The border property can be set on classes, ids or directly on the HTML element.

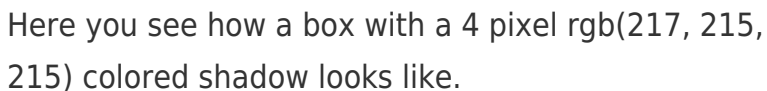
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 215, 215) }
```

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

```
.border{ border-color:rgb(217, 215, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 215, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 215, 215); box-shadow:4px 4px 4px 4px rgb(217, 215, 215) }
```


Background

The CSS property to change the background color of an element to XYZ 65.1815, 68.2589, 74.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 215) }
```

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

```
.background{ background-color: rgb(217,  
215, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor