

Converting Colors

XYZ(65.2847, 63.7310, 68.9497)

Have a look what the booklet for
XYZ(65.2847, 63.7310, 68.9497)
contains.

XYZ(65.2623, 63.6675, 69.1710)	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(65.2623, 63.6675,
69.1710)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CAD1
RGB	230, 202, 209
RGB Percent	90%, 79%, 82%
CMY	0.0980, 0.2078, 0.1804
CMYK	0.00, 0.12, 0.09, 0.10
HSL	345°, 36%, 85%
HSV	345°, 12%, 90%
XYZ	65.2623, 63.6675, 69.1710
YIQ	211.1700, 14.4410, 8.1130

Conversions

Conversions Part 2

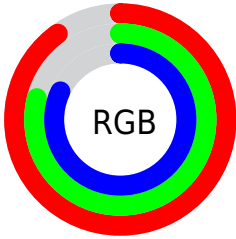
Format	Color
R _Y B	230, 202, 209
Decimal	15125201
CIE Lab	83.79, 10.97, 0.13
CIE LCh	84, 10.969, 0.658
Yxy	63.6675, 0.3294, 0.3214
Android (android.graphics.Color)	4293315281 (0xFFE6CAD1)
YUV	211.1700, -1.0698, 16.5139
Hunter-Lab	79.7919, 6.3604, 4.4563

Details

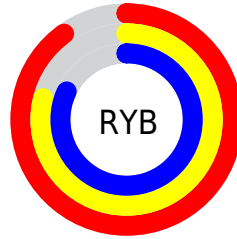
The XYZ color **65.2623, 63.6675, 69.1710** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.9757, 74.4796, 80.7143**, and the grayscale version is **62.0309, 65.2613, 71.0696**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9619, 32.5450, 35.5022** is the 20% darker color. If you saturate the color by 10%, you get **58.2413, 52.8602, 56.8569**, and if you desaturate by 10%, it is **73.3225, 76.1815, 82.9743**.

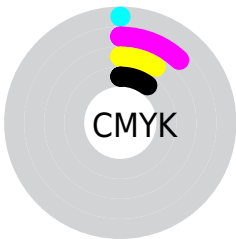
Distribution



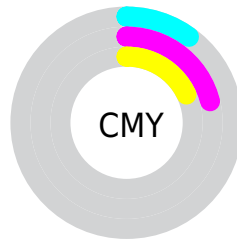
- Red (90%)
- Green (79%)
- Blue (82%)



- Red (90%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2623, 63.6675, 69.1710 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 65.2623, 63.6675, 69.1710 by changing the saturation by 10% instead.

65.2623, 63.6675,
69.1710

65.2623, 63.6675,
69.1710

433.2643,
437.9879, 476.3441

47.9393, 46.3814,
50.3784

111.4905,
110.1319, 119.6958

33.9899, 32.5469,
35.3408

141.1264,
140.0791, 152.2650

23.0487, 21.7796,
23.6399

175.5973,
175.0154, 190.2635

14.7503, 13.6950,
14.8570

215.2685,
215.3252, 234.1098

8.7295, 7.9089,
8.5736

260.5055,
261.3930, 284.2225

4.6209, 4.0367,
4.3711

311.6736,

2.0590, 1.6941,

313.6031, 341.0201

1.8311

369.1380,
372.3400, 404.9211

■ 0.6668, 0.4198,
0.4483

■ 0.0000, 0.0000,
0.0000

■ 65.2623, 63.6675,
69.1710

■ 65.2623, 63.6675,
69.1710

■ 58.2413, 52.8602,
56.8569

■ 73.3225, 76.1815,
82.9743

■ 52.2113, 43.6773,
45.9774

■ 82.4569, 90.4632,
98.3107

■ 47.1284, 36.0423,
36.4806

■ 86.4435, 95.5632,
108.4972

■ 42.9430, 29.8693,
28.3097

■ 39.6009, 25.0639,
21.4040

■ 37.0420, 21.5205,
15.6977

■ 35.1978, 19.1178,
11.1184

■ 33.9866, 17.7106,
7.5854

■ 33.3840, 17.1234,
5.4791

Harmonies

Analogous

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



64.6400, 63.6675, 76.0252



65.2623, 63.6675, 69.1710



64.5845, 63.6675, 62.7798

Triad

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



65.2623, 63.6675, 69.1710



58.1840, 63.6675, 58.5317



58.2737, 63.6675, 81.5349

Complementary

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



65.2623, 63.6675, 69.1710



65.9757, 74.4796, 80.7143

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.



56.6183, 63.6675, 76.3059



65.2623, 63.6675, 69.1710



56.5675, 63.6675, 63.0269

Square

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



65.2623, 63.6675, 69.1710



60.4609, 63.6675, 56.8926



56.0019, 63.6675, 69.4754



60.5672, 63.6675, 83.4439

Rectangle

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



65.2623, 63.6675, 69.1710



63.4966, 63.6675, 59.5665



56.0019, 63.6675, 69.4754



57.6264, 63.6675, 80.0908

Sweetspot

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



65.2641, 63.6703, 69.1724



90.6743, 93.1808, 101.4849



65.8370, 63.6452, 83.6785



19.2372, 19.6787, 21.4310



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.



65.2641, 63.6703, 69.1724



79.7583, 76.2649, 82.6906



66.0963, 66.6908, 65.2694



14.5240, 14.4268, 15.6937



18.9412, 9.7107, 3.3191



1.4363, 0.7322, 0.4378

Inverse Universe

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



65.2641, 63.6703, 69.1724



79.7583, 76.2649, 82.6906



65.0299, 71.0471, 85.1498



14.5240, 14.4268, 15.6937



18.9412, 9.7107, 3.3191



1.4363, 0.7322, 0.4378

Previews

White Background



This preview shows how the XYZ color 65.2623, 63.6675, 69.1710 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 65.2623, 63.6675, 69.1710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

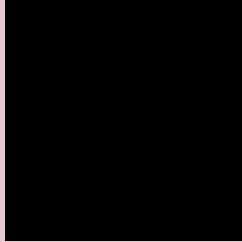
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2623, 63.6675, 69.1710

Background



This preview shows how black text looks on a background with the XYZ color 65.2623, 63.6675, 69.1710.



This preview shows how white text looks on a background with the XYZ color 65.2623, 63.6675,

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

65.2623, 63.6675, 69.1710

Protanopia

61.5909, 63.8623, 71.3678

Deuteranopia

64.9423, 63.5025, 69.1560



Tritanopia

66.3660, 63.7720, 74.4570

Trichromacy



Original Color

65.2623, 63.6675, 69.1710

Protanomaly

63.0426, 63.9058, 70.6404

Deuteranomaly

64.9423, 63.5025, 69.1560

Tritanomaly

65.9792, 63.6173, 72.4202

Monochromacy



Original Color

65.2623, 63.6675, 69.1710

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.1022, 64.6703, 70.1295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2623, 63.6675, 69.1710 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(230, 202, 209)` looks like.

```
.text, #text, p{  
    color:rgb(230, 202, 209)  
}
```

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(230, 202, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 202, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.2623, 63.6675, 69.1710 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(230, 202, 209) }
```


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

```
.border{ border-color:rgb(230, 202, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 202, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 202, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 202, 209); box-shadow:4px 4px 4px 4px rgb(230, 202, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2623, 63.6675, 69.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 202, 209) }
```

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

```
.background{ background-color: rgb(230,  
202, 209) }
```

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