

Converting Colors

XYZ(65.5111, 64.3849, 70.3261)

Have a look what the booklet for
XYZ(65.5111, 64.3849, 70.3261)
contains.

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Color

**XYZ(65.6638, 64.5469,
70.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CCD3
RGB	229, 204, 211
RGB Percent	90%, 80%, 83%
CMY	0.1020, 0.2000, 0.1725
CMYK	0.00, 0.11, 0.08, 0.10
HSL	343°, 32%, 85%
HSV	343°, 11%, 90%
XYZ	65.6638, 64.5469, 70.6260
YIQ	212.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

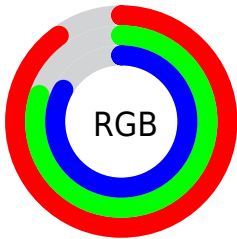
Format	Color
R _Y B	229, 204, 211
Decimal	15060179
CIE Lab	84.25, 9.90, -0.28
CIE LCh	84, 9.904, 358.364
Yxy	64.5469, 0.3270, 0.3214
Android (android.graphics.Color)	4293250259 (0xFFE5CCD3)
YUV	212.2730, -0.6276, 14.6696
Hunter-Lab	80.3411, 5.2934, 4.1183

Details

The XYZ color **65.6638, 64.5469, 70.6260** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1084, 74.1515, 79.9391**, and the grayscale version is **62.7605, 66.0290, 71.9056**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2257, 33.1313, 36.4894** is the 20% darker color. If you saturate the color by 10%, you get **58.6538, 53.6668, 58.6076**, and if you desaturate by 10%, it is **73.6898, 77.1180, 84.0310**.

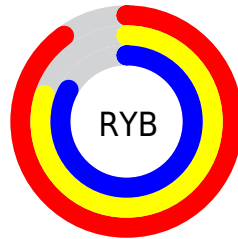
Distribution



Red (90%)

Green (80%)

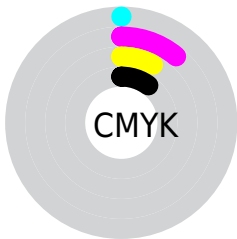
Blue (83%)



Red (90%)

Yellow (80%)

Blue (83%)

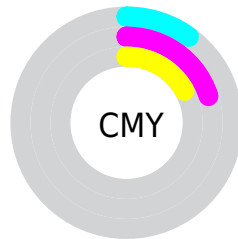


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (10%)



Cyan (10%)


Magenta (20%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6638, 64.5469, 70.6260 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 65.6638, 64.5469, 70.6260 by changing the saturation by 10% instead.


 65.6638, 64.5469,
70.6260

 65.6638, 64.5469,
70.6260

434.6812,
441.1619, 481.5933

 48.2662, 47.0938,
51.5571

112.0641,
111.3982, 121.7905

 34.2499, 33.1098,
36.2724


141.7975,
141.5651, 154.7232

 23.2494, 22.2106,
24.3533


176.3735,
176.7388, 193.1142

 14.8995, 14.0117,
15.3813

216.1576,
217.3036, 237.3821

 8.8347, 8.1288,
8.9378

261.5151,
263.6439, 287.9455

 4.6898, 4.1775,
4.6044

312.8112,

 2.0993, 1.7733,

316.1442, 345.2227

1.9624

370.4115,
375.1887, 409.6325

■ 0.6888, 0.4705,
0.5320

■ 0.0000, 0.0000,
0.0000

■ 65.6638, 64.5469,
70.6260

■ 65.6638, 64.5469,
70.6260

■ 58.6538, 53.6668,
58.6076

■ 73.6898, 77.1180,
84.0310

■ 52.6132, 44.3972,
47.9267

■ 82.7652, 91.4393,
98.8615

■ 47.4999, 36.6634,
38.5369

■ 86.1234, 95.3982,
108.4822

■ 43.2662, 30.3817,
30.3877

■ 39.8604, 25.4603,
23.4253

■ 37.2250, 21.7968,
17.5914

■ 35.2946, 19.2742,
12.8222

■ 33.9921, 17.7530,
9.0469

■ 33.2415, 17.0294,
6.3997

Harmonies

Analogous

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



65.0119, 64.5469, 76.8096



65.6638, 64.5469, 70.6260



65.1371, 64.5469, 64.6961

Triad

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



65.6638, 64.5469, 70.6260



59.3676, 64.5469, 60.1771



59.1638, 64.5469, 81.0762

Complementary

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



65.6638, 64.5469, 70.6260



66.1084, 74.1515, 79.9391

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.



57.7124, 64.5469, 76.1776



65.6638, 64.5469, 70.6260



57.8281, 64.5469, 64.1325

Square

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



65.6638, 64.5469, 70.6260



61.4704, 64.5469, 58.8831



57.2292, 64.5469, 69.9363



61.2296, 64.5469, 83.0614

Rectangle

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



65.6638, 64.5469, 70.6260



64.1954, 64.5469, 61.6327



57.2292, 64.5469, 69.9363



58.5898, 64.5469, 79.7018

Sweetspot

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



65.6656, 64.5497, 70.6274



91.7835, 94.8660, 103.4982



65.8365, 64.3623, 83.0826



19.4630, 20.0189, 21.8498



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.



65.6656, 64.5497, 70.6274



81.7634, 79.1997, 86.6741



66.1171, 66.8259, 66.5442



14.5420, 14.4340, 15.7883



19.0499, 9.7542, 3.8918



1.4464, 0.7363, 0.4912

Inverse Universe

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



65.6656, 64.5497, 70.6274



81.7634, 79.1997, 86.6741



65.5907, 71.5840, 84.4895



14.5420, 14.4340, 15.7883



19.0499, 9.7542, 3.8918



1.4464, 0.7363, 0.4912

Previews

White Background



This preview shows how the XYZ color 65.6638, 64.5469, 70.6260 looks on a white background.

Color Contrast Check

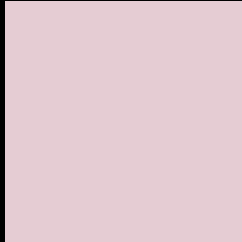
Large Text (above 18pt) WCAG AA × Fail

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 65.6638, 64.5469, 70.6260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

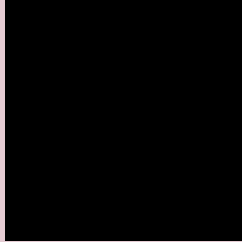
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6638, 64.5469, 70.6260

Background



This preview shows how black text looks on a background with the XYZ color 65.6638, 64.5469, 70.6260.



This preview shows how white text looks on a background with the XYZ color 65.6638, 64.5469,

70.6260.

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

65.6638, 64.5469, 70.6260

Protanopia

62.3786, 64.6021, 72.8001

Deuteranopia

65.9839, 64.7119, 70.6409



Tritanopia

66.7752, 64.6493, 75.9770

Trichromacy



Original Color

65.6638, 64.5469, 70.6260

Protanomaly

63.5365, 64.4898, 72.0498

Deuteranomaly

65.9839, 64.7119, 70.6409

Tritanomaly

66.3837, 64.4927, 73.9153

Monochromacy



Original Color

65.6638, 64.5469, 70.6260

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.5976, 65.2598, 71.5318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6638, 64.5469, 70.6260 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(229, 204, 211)` looks like.

```
.text, #text, p{  
    color:rgb(229, 204, 211)  
}
```

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(229, 204, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 204, 211) }
```

Border

The CSS property to change the border of an element to XYZ 65.6638, 64.5469, 70.6260 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(229, 204, 211) }
```


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

```
.border{ border-color:rgb(229, 204, 211) }
```

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

Here you see how a box with a 4 pixel rgb(229, 204, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 204, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 204, 211);  
box-shadow:4px 4px 4px 4px rgb(229, 204,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6638, 64.5469, 70.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 204, 211) }
```

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

```
.background{ background-color: rgb(229,  
204, 211) }
```

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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