

Converting Colors

XYZ(65.7369, 60.5266, 70.5490)

Have a look what the booklet for
XYZ(65.7369, 60.5266, 70.5490)
contains.

XYZ(65.6584, 60.4573, 70.4962)	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(65.6584, 60.4573,
70.4962)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC0D4
RGB	237, 192, 212
RGB Percent	93%, 75%, 83%
CMY	0.0706, 0.2470, 0.1686
CMYK	0.00, 0.19, 0.11, 0.07
HSL	333°, 56%, 84%
HSV	333°, 19%, 93%
XYZ	65.6584, 60.4573, 70.4962
YIQ	207.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

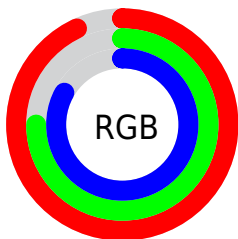
Format	Color
R _{YB}	237, 192, 212
Decimal	15581396
CIE Lab	82.09, 19.21, -3.91
CIE LCh	82, 19.607, 348.506
Yxy	60.4573, 0.3339, 0.3075
Android (android.graphics.Color)	4293771476 (0xFFEDC0D4)
YUV	207.7350, 2.1026, 25.6654
Hunter-Lab	77.7543, 14.6615, 0.6725

Details

The XYZ color **65.6584, 60.4573, 70.4962** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.5493, 76.7863, 77.0685**, and the grayscale version is **59.7617, 62.8739, 68.4697**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **34.2303, 30.4350, 35.9687** is the 20% darker color. If you saturate the color by 10%, you get **59.2740, 50.2387, 60.5044**, and if you desaturate by 10%, it is **73.0197, 72.4113, 81.4835**.

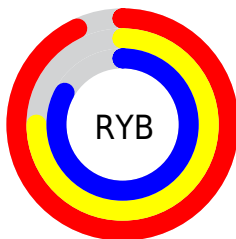
Distribution



Red (93%)

Green (75%)

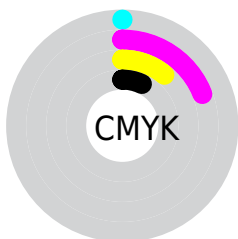
Blue (83%)



Red (93%)

Yellow (75%)

Blue (83%)

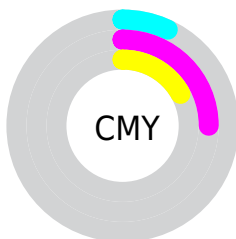


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (7%)



Cyan (7%)


Magenta (25%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6584, 60.4573, 70.4962 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 65.6584, 60.4573, 70.4962 by changing the saturation by 10% instead.


 65.6584, 60.4573,
70.4962

 65.6584, 60.4573,
70.4962

434.6621,
426.2813, 481.1265

 48.2618, 43.7873,
51.4519


 112.0564,
105.4928, 121.6038

 34.2464, 30.5034,
36.1891


141.7885,
134.6270, 154.5042

 23.2467, 20.2210,
24.2894


176.3631,
168.6849, 192.8604

 14.8975, 12.5558,
15.3343

216.1457,
208.0507, 237.0908

 8.8333, 7.1234,
8.9051

261.5015,
253.1088, 287.6141

 4.6889, 3.5394,
4.5834


312.7959,


 2.0988, 1.4194,


304.2437, 344.8488


1.9505


370.3944,
361.8398, 409.2134


 0.6885, 0.2309,
0.5246


 0.0000, 0.0000,
0.0000


 65.6584, 60.4573,
70.4962


 65.6584, 60.4573,
70.4962


 59.2740, 50.2387,
60.5044


 73.0197, 72.4113,
81.4835


 53.8180, 41.6661,
51.4739

 81.3931, 86.1685,
93.4912

 49.2456, 34.6542,
43.3740

 88.1778, 96.5217,
105.6680

 45.5057, 29.1067,
36.1707

 88.7354, 96.7447,
108.6045

■ 42.5422, 24.9168,
29.8272

■ 40.2909, 21.9626,
24.3035

■ 38.6767, 20.1000,
19.5550

■ 37.5874, 19.1113,
15.5234

■ 37.4918, 19.0313,
15.1487

Harmonies

Analogous

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



63.6613, 60.4573, 82.1920



65.6584, 60.4573, 70.4962



65.3822, 60.4573, 58.8247

Triad

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



65.6584, 60.4573, 70.4962



54.9625, 60.4573, 46.4156



52.3273, 60.4573, 84.5094

Complementary

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



65.6584, 60.4573, 70.4962



64.5493, 76.7863, 77.0685

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.



50.2103, 60.4573, 73.3656



65.6584, 60.4573, 70.4962



51.6804, 60.4573, 51.7938

Square

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



65.6584, 60.4573, 70.4962



59.0706, 60.4573, 45.8438



49.9793, 60.4573, 61.3700



55.8845, 60.4573, 90.9097

Rectangle

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



65.6584, 60.4573, 70.4962



63.9486, 60.4573, 52.5772



49.9793, 60.4573, 61.3700



51.4311, 60.4573, 81.1361

Sweetspot

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



65.6601, 60.4600, 70.4975



89.0231, 90.0882, 100.2878



62.6791, 58.5302, 88.1155



18.9199, 19.0618, 21.2708



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.



65.6601, 60.4600, 70.4975



74.2993, 66.1941, 78.2590



63.7892, 60.5081, 58.1896



15.3436, 15.1653, 17.0948



20.5327, 10.4158, 8.6065



1.6600, 0.8370, 0.9272

Inverse Universe

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



65.6601, 60.4600, 70.4975



74.2993, 66.1941, 78.2590



66.6631, 76.5961, 91.3926



15.3436, 15.1653, 17.0948



20.5327, 10.4158, 8.6065



1.6600, 0.8370, 0.9272

Previews

White Background



This preview shows how the XYZ color 65.6584, 60.4573, 70.4962 looks on a white background.

Color Contrast Check

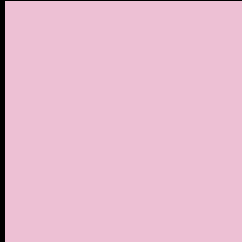
Large Text (above 18pt) WCAG AA × Fail

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 65.6584, 60.4573, 70.4962 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 65.6584, 60.4573, 70.4962

Background



This preview shows how black text looks on a background with the XYZ color 65.6584, 60.4573, 70.4962.



This preview shows how white text looks on a background with the XYZ color 65.6584, 60.4573,

70.4962.

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

65.6584, 60.4573, 70.4962

Protanopia

59.0440, 60.6637, 75.6151

Deuteranopia

61.7707, 60.4635, 70.0430



Tritanopia

65.0472, 60.5269, 67.9290

Trichromacy



Original Color

65.6584, 60.4573, 70.4962

Protanomaly

61.1370, 60.4036, 73.4025

Deuteranomaly

63.1764, 60.5139, 69.9786

Tritanomaly

65.1707, 60.5762, 68.5791

Monochromacy



Original Color

65.6584, 60.4573, 70.4962

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.8426, 61.9046, 69.0109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6584, 60.4573, 70.4962 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(237, 192, 212)` looks like.

```
.text, #text, p{  
    color:rgb(237, 192, 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(237, 192, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 192, 212) }
```

Border

The CSS property to change the border of an element to XYZ 65.6584, 60.4573, 70.4962 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(237, 192, 212) }
```


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

```
.border{ border-color:rgb(237, 192, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 192, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 192, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 192, 212);  
box-shadow:4px 4px 4px 4px rgb(237, 192,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6584, 60.4573, 70.4962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 192, 212) }
```

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

```
.background{ background-color: rgb(237,  
192, 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](#).

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