

Converting Colors

XYZ(65.2841, 60.3455, 68.1650)

Have a look what the booklet for
XYZ(65.2841, 60.3455, 68.1650)
contains.

XYZ(65.1599, 60.2579, 67.8711)	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(65.1599, 60.2579,
67.8711)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC0D0
RGB	237, 192, 208
RGB Percent	93%, 75%, 82%
CMY	0.0706, 0.2470, 0.1843
CMYK	0.00, 0.19, 0.12, 0.07
HSL	339°, 56%, 84%
HSV	339°, 19%, 93%
XYZ	65.1599, 60.2579, 67.8711
YIQ	207.2790, 21.6840, 14.5160

Conversions

Conversions Part 2

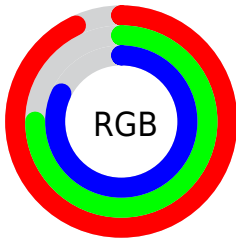
Format	Color
R _Y B	237, 192, 208
Decimal	15581392
CIE Lab	81.98, 18.56, -1.92
CIE LCh	82, 18.656, 354.099
Yxy	60.2579, 0.3371, 0.3118
Android (android.graphics.Color)	4293771472 (0xFFEDC0D0)
YUV	207.2790, 0.3555, 26.0653
Hunter-Lab	77.6260, 13.9890, 2.4988

Details

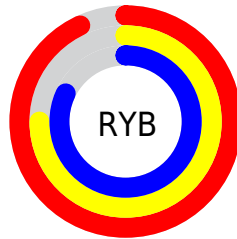
The XYZ color **65.1599, 60.2579, 67.8711** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.0760, 76.9970, 79.8425**, and the grayscale version is **59.4775, 62.5749, 68.1441**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **33.9773, 30.3338, 34.6361** is the 20% darker color. If you saturate the color by 10%, you get **58.5797, 49.9610, 56.8481**, and if you desaturate by 10%, it is **72.7625, 72.3084, 80.1293**.

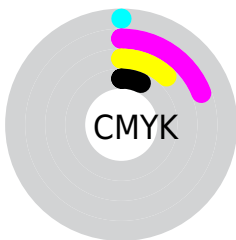
Distribution



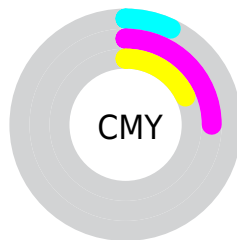
- Red (93%)
- Green (75%)
- Blue (82%)



- Red (93%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (19%)
- Yellow (12%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1599, 60.2579, 67.8711 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 65.1599, 60.2579, 67.8711 by changing the saturation by 10% instead.


 65.1599, 60.2579,
67.8711

 65.1599, 60.2579,
67.8711


432.9025,
425.5477, 471.6248

 47.8559, 43.6265,
49.3268


 111.3441,
105.2037, 117.8202

 33.9236, 30.3770,
34.5114


140.9551,
134.2869, 150.0621

 22.9975, 20.1249,
23.0062


175.3992,
168.2896, 187.7070

 14.7124, 12.4859,
14.3927

215.0416,
207.5960, 231.1734

 8.7028, 7.0755,
8.2525

260.2478,
252.5906, 280.8798

 4.6034, 3.5094,
4.1668

311.3831,

 2.0488, 1.4031,

303.6579, 337.2449

1.7173

368.8129,
361.1821, 400.6870

■ 0.6612, 0.2190,
0.3726

■ 0.0000, 0.0000,
0.0000

■ 65.1599, 60.2579,
67.8711

■ 65.1599, 60.2579,
67.8711

■ 58.5797, 49.9610,
56.8481

■ 72.7625, 72.3084,
80.1293

■ 52.9715, 41.3275,
47.0164

■ 81.4246, 86.1811,
93.6571

■ 48.2886, 34.2714,
38.3347

■ 88.5469, 96.6693,
107.6119

■ 44.4778, 28.6956,
30.7579

■ 88.7354, 96.7447,
108.6045

■ 41.4806, 24.4922,
24.2373

■ 39.2306, 21.5384,
18.7202

■ 37.6499, 19.6893,
14.1478

■ 36.6233, 18.7256,
10.4465

■ 36.5355, 18.6488,
10.1133

Harmonies

Analogous

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



63.6442, 60.2579, 79.2008



65.1599, 60.2579, 67.8711



64.4851, 60.2579, 57.1291

Triad

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



65.1599, 60.2579, 67.8711



54.2298, 60.2579, 47.7007



52.9368, 60.2579, 84.8409

Complementary

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



65.1599, 60.2579, 67.8711



65.0760, 76.9970, 79.8425

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.



50.6203, 60.2579, 74.8925



65.1599, 60.2579, 67.8711



51.3424, 60.2579, 53.6714

Square

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



65.1599, 60.2579, 67.8711



58.0573, 60.2579, 46.2764



50.0503, 60.2579, 63.4009



56.4965, 60.2579, 89.6954

Rectangle

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



65.1599, 60.2579, 67.8711



62.8989, 60.2579, 51.6162



50.0503, 60.2579, 63.4009



51.9936, 60.2579, 81.9301

Sweetspot

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



65.1616, 60.2606, 67.8724



88.8145, 90.0048, 99.1892



63.8047, 59.1105, 88.1682



18.8707, 19.0421, 21.0114



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.



65.1616, 60.2606, 67.8724



73.6093, 65.9181, 74.6257



64.6357, 62.2012, 58.4718



15.2867, 15.1425, 16.7948



20.0035, 10.2041, 5.8200



1.6151, 0.8190, 0.6907

Inverse Universe

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



65.1616, 60.2606, 67.8724



73.6093, 65.9181, 74.6257



65.6023, 74.4745, 91.0390



15.2867, 15.1425, 16.7948



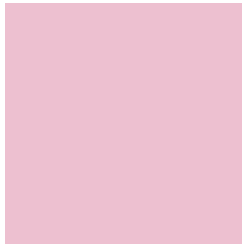
20.0035, 10.2041, 5.8200



1.6151, 0.8190, 0.6907

Previews

White Background



This preview shows how the XYZ color 65.1599, 60.2579, 67.8711 looks on a white background.

Color Contrast Check

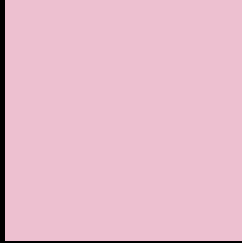
Large Text (above 18pt) WCAG AA × Fail

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 65.1599, 60.2579, 67.8711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

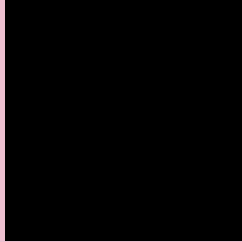
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1599, 60.2579, 67.8711

Background



This preview shows how black text looks on a background with the XYZ color 65.1599, 60.2579, 67.8711.



This preview shows how white text looks on a background with the XYZ color 65.1599, 60.2579,

67.8711.

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

65.1599, 60.2579, 67.8711

Protanopia

58.6704, 60.5460, 72.2126

Deuteranopia

61.5808, 60.4228, 67.4486



Tritanopia

65.0372, 60.2088, 67.2251

Trichromacy



Original Color

65.1599, 60.2579, 67.8711

Protanomaly

60.9224, 60.3520, 70.7255

Deuteranomaly

62.6810, 60.3157, 67.3699

Tritanomaly

65.0372, 60.2088, 67.2251

Monochromacy



Original Color

65.1599, 60.2579, 67.8711

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.2965, 61.6515, 67.7007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1599, 60.2579, 67.8711 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(237, 192, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 192, 208) }
```

Border

The CSS property to change the border of an element to XYZ 65.1599, 60.2579, 67.8711 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, 208) }
```


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

```
.border{ border-color:rgb(237, 192, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 192, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 192, 208);  
box-shadow:4px 4px 4px 4px rgb(237, 192,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1599, 60.2579, 67.8711 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, 208) }
```

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

```
.background{ background-color: rgb(237,  
192, 208) }
```

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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