

Converting Colors

XYZ(65.0050, 60.2982, 69.1161)

Have a look what the booklet for
XYZ(65.0050, 60.2982, 69.1161)
contains.

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Color

**XYZ(65.0746, 60.1853,
69.1599)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC0D2
RGB	236, 192, 210
RGB Percent	93%, 75%, 82%
CMY	0.0745, 0.2470, 0.1765
CMYK	0.00, 0.19, 0.11, 0.07
HSL	335°, 54%, 84%
HSV	335°, 19%, 93%
XYZ	65.0746, 60.1853, 69.1599
YIQ	207.2080, 20.4460, 14.9260

Conversions

Conversions Part 2

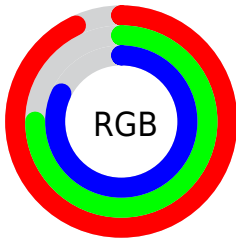
Format	Color
R _Y B	236, 192, 210
Decimal	15515858
CIE Lab	81.94, 18.53, -3.06
CIE LCh	82, 18.785, 350.623
Yxy	60.1853, 0.3347, 0.3096
Android (android.graphics.Color)	4293705938 (0xFFECC0D2)
YUV	207.2080, 1.3765, 25.2506
Hunter-Lab	77.5792, 13.9649, 1.4499

Details

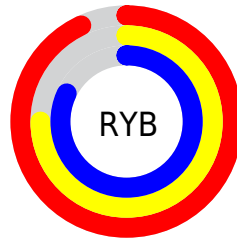
The XYZ color **65.0746, 60.1853, 69.1599** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.3910, 76.2610, 77.6594**, and the grayscale version is **59.4258, 62.5206, 68.0850**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **33.9116, 30.2806, 35.5099** is the 20% darker color. If you saturate the color by 10%, you get **58.6401, 49.9763, 58.8128**, and if you desaturate by 10%, it is **72.4949, 72.1220, 80.5842**.

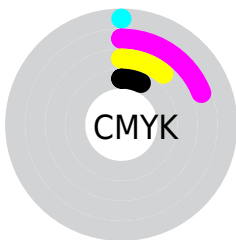
Distribution



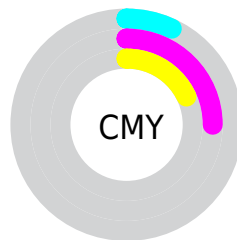
- Red (93%)
- Green (75%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0746, 60.1853, 69.1599 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 65.0746, 60.1853, 69.1599 by changing the saturation by 10% instead.

65.0746, 60.1853,
69.1599

65.0746, 60.1853,
69.1599

432.6010,
425.2804, 476.3039

47.7865, 43.5680,
50.3694

111.2222,
105.0984, 119.6798

33.8684, 30.3310,
35.3337

140.8124,
134.1630, 152.2462

22.9549, 20.0900,
23.6345

175.2341,
168.1456, 190.2417

14.6807, 12.4605,
14.8530

214.8525,
207.4304, 234.0848

8.6805, 7.0581,
8.5708

260.0330,
252.4019, 284.1940

4.5888, 3.4985,
4.3693

311.1411,

2.0403, 1.3972,

303.4445, 340.9879

1.8301

368.5419,
360.9425, 404.8851

■ 0.6565, 0.2146,
0.4477

■ 0.0000, 0.0000,
0.0000

■ 65.0746, 60.1853,
69.1599

■ 65.0746, 60.1853,
69.1599

■ 58.6401, 49.9763,
58.8128

■ 72.4949, 72.1220,
80.5842

■ 53.1427, 41.4063,
49.5056

■ 80.9364, 85.8535,
93.1136

■ 48.5377, 34.3909,
41.2043

■ 87.8981, 96.3713,
105.9329

■ 44.7738, 28.8349,
33.8712

■ 88.4024, 96.5731,
108.5889

■ 41.7949, 24.6326,
27.4661

■ 39.5370, 21.6637,
21.9449

■ 37.9254, 19.7862,
17.2587

■ 36.8520, 18.7925,
13.3462

■ 36.7284, 18.6874,
12.8666

Harmonies

Analogous

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



63.3128, 60.1853, 80.4092



65.0746, 60.1853, 69.1599



64.6534, 60.1853, 58.1261

Triad

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



65.0746, 60.1853, 69.1599



54.5565, 60.1853, 47.1195



52.4950, 60.1853, 83.9330

Complementary

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



65.0746, 60.1853, 69.1599



64.3910, 76.2610, 77.6594

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.



50.3506, 60.1853, 73.5407



65.0746, 60.1853, 69.1599



51.5020, 60.1853, 52.6125

Square

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



65.0746, 60.1853, 69.1599



58.4576, 60.1853, 46.2348



49.9957, 60.1853, 62.0324



55.9691, 60.1853, 89.5653

Rectangle

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



65.0746, 60.1853, 69.1599



63.1986, 60.1853, 52.2984



49.9957, 60.1853, 62.0324



51.6016, 60.1853, 80.8276

Sweetspot

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



65.0763, 60.1880, 69.1612



88.9400, 90.0549, 99.8499



62.8061, 58.6125, 87.3608



18.9003, 19.0540, 21.1674



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.



65.0763, 60.1880, 69.1612



74.8047, 67.3266, 78.0524



63.7735, 60.9711, 58.2798



15.3209, 15.1562, 16.9751



20.3057, 10.3250, 7.4111



1.6412, 0.8294, 0.8278

Inverse Universe

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



65.0763, 60.1880, 69.1612



74.8047, 67.3266, 78.0524



65.8311, 75.1653, 90.3964



15.3209, 15.1562, 16.9751



20.3057, 10.3250, 7.4111



1.6412, 0.8294, 0.8278

Previews

White Background



This preview shows how the XYZ color 65.0746, 60.1853, 69.1599 looks on a white background.

Color Contrast Check

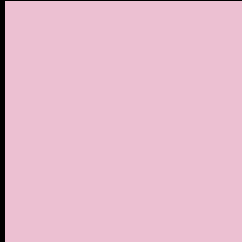
Large Text (above 18pt) WCAG AA × Fail

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 65.0746, 60.1853, 69.1599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

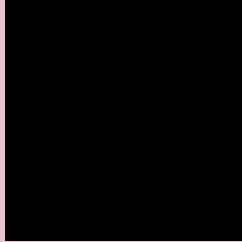
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0746, 60.1853, 69.1599

Background



This preview shows how black text looks on a background with the XYZ color 65.0746, 60.1853, 69.1599.



This preview shows how white text looks on a background with the XYZ color 65.0746, 60.1853,

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

65.0746, 60.1853, 69.1599

Protanopia

58.6524, 60.5071, 73.5535

Deuteranopia

61.5215, 60.3638, 68.7304



Tritanopia

64.7042, 60.0371, 67.2095

Trichromacy



Original Color

65.0746, 60.1853, 69.1599

Protanomaly

60.8799, 60.3008, 72.0488

Deuteranomaly

62.6126, 60.2521, 68.6514

Tritanomaly

64.8269, 60.0862, 67.8556

Monochromacy



Original Color

65.0746, 60.1853, 69.1599

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.4191, 61.7006, 68.3468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0746, 60.1853, 69.1599 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(236, 192, 210)` looks like.

```
.text, #text, p{  
    color:rgb(236, 192, 210)  
}
```

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(236, 192, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 192, 210) }
```

Border

The CSS property to change the border of an element to XYZ 65.0746, 60.1853, 69.1599 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(236, 192, 210) }
```


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

```
.border{ border-color:rgb(236, 192, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 192, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 192, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 192, 210);  
box-shadow:4px 4px 4px 4px rgb(236, 192,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0746, 60.1853, 69.1599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 192, 210) }
```

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

```
.background{ background-color: rgb(236,  
192, 210) }
```

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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