

# Converting Colors

XYZ(66.5229, 59.0151, 68.9691)

Have a look what the booklet for  
XYZ(66.5229, 59.0151, 68.9691)  
contains.

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# Color

**XYZ(66.5000, 59.0041,  
68.8568)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F4BAD2
RGB	244, 186, 210
RGB Percent	96%, 73%, 82%
CMY	0.0431, 0.2706, 0.1765
CMYK	0.00, 0.24, 0.14, 0.04
HSL	335°, 72%, 84%
HSV	335°, 24%, 96%
XYZ	66.5000, 59.0041, 68.8568
YIQ	206.0780, 26.8640, 19.7600

# Conversions

## Conversions Part 2

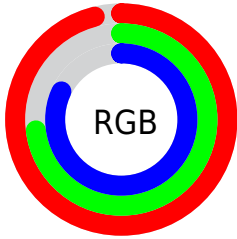
Format	Color
<a href="#">RYB</a>	<a href="#">244, 186, 210</a>
Decimal	<a href="#">16038610</a>
CIELab	<a href="#">81.29, 24.51, -3.92</a>
CIElCh	<a href="#">81, 24.820, 350.910</a>
Yxy	<a href="#">59.0041, 0.3421, 0.3036</a>
Android (android.graphics.Color)	<a href="#">4294228690</a> ( <a href="#">0xFFFF4BAD2</a> )
YUV	<a href="#">206.0780, 1.9335, 33.2576</a>
Hunter-Lab	<a href="#">76.8141, 20.1074, 0.6219</a>

# Details

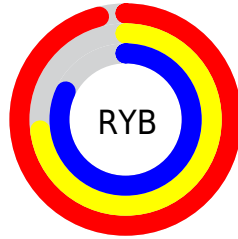
The XYZ color **66.5000, 59.0041, 68.8568** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.5211, 80.3093, 79.7619**, and the grayscale version is **58.6936, 61.7502, 67.2460**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **34.7455, 29.4676, 35.3090** is the 20% darker color. If you saturate the color by 10%, you get **60.0888, 48.9070, 58.3167**, and if you desaturate by 10%, it is **73.9516, 70.9256, 80.5310**.

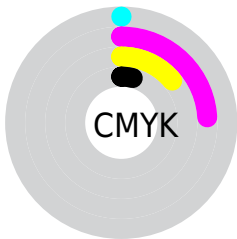
# Distribution



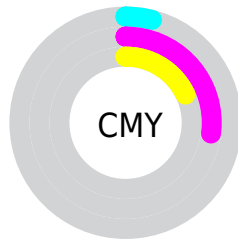
- Red (96%)
- Green (73%)
- Blue (82%)



- Red (96%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (27%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5000, 59.0041, 68.8568 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 66.5000, 59.0041, 68.8568 by changing the saturation by 10% instead.





 66.5000, 59.0041,  
68.8568

 66.5000, 59.0041,  
68.8568


437.6234,  
420.9171, 475.2060

 48.9476, 42.6164,  
50.1241


 113.2574,  
103.3836, 119.2428

 34.7923, 29.5843,  
35.1401

143.1932,  
132.1443, 151.7331

 23.6687, 19.5233,  
23.4864


177.9874,  
165.7980, 189.6464

 15.2114, 12.0490,  
14.7444

218.0055,  
204.7292, 233.4012

 9.0552, 6.7770,  
8.4956

263.6128,  
249.3224, 283.4160

 4.8346, 3.3231,  
4.3214

315.1746,

 2.1843, 1.3026,

299.9618, 340.1094

1.8033

373.0564,  
357.0319, 403.8999

■ 0.7344, 0.1432,  
0.4301

■ 0.0000, 0.0000,  
0.0000

■ 66.5000, 59.0041,  
68.8568

■ 66.5000, 59.0041,  
68.8568

■ 60.0888, 48.9070,  
58.3167

■ 73.9516, 70.9256,  
80.5310

■ 54.6642, 40.5354,  
48.8703

■ 82.4838, 84.7479,  
93.3705

■ 50.1751, 33.7935,  
40.4799

■ 90.7846, 97.8397,  
106.9576

■ 46.5635, 28.5722,  
33.1039

■ 91.1185, 97.9732,  
108.7160

■ 43.7644, 24.7495,  
26.6973

■ 41.7032, 22.1840,  
21.2104

■ 40.2896, 20.7037,  
16.5873

■ 39.6553, 20.1719,  
14.1039

# Harmonies

## Analogous

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



64.1708, 59.0041, 83.9567



66.5000, 59.0041, 68.8568



65.9072, 59.0041, 54.5953

# Triad

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



66.5000, 59.0041, 68.8568



52.6022, 59.0041, 41.1183



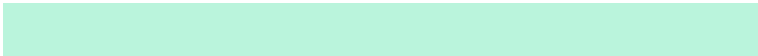
50.0344, 59.0041, 89.0191

# Complementary

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



66.5000, 59.0041, 68.8568



65.5211, 80.3093, 79.7619

# 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.



47.2846, 59.0041, 74.9706



66.5000, 59.0041, 68.8568



48.7025, 59.0041, 47.8894

# Square

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



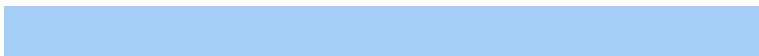
66.5000, 59.0041, 68.8568



57.6695, 59.0041, 39.9996



46.8125, 59.0041, 59.8447



54.5232, 59.0041, 96.7197



# Rectangle

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



66.5000, 59.0041, 68.8568



63.9485, 59.0041, 47.3210



46.8125, 59.0041, 59.8447



48.8879, 59.0041, 84.7892

# Sweetspot

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



66.5017, 59.0068, 68.8580



87.9782, 88.4795, 98.4561



63.3551, 56.8421, 93.2210



18.7065, 18.7364, 20.8874



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.



66.5017, 59.0068, 68.8580



69.6132, 59.0637, 69.7854



64.7677, 59.9700, 54.6194



16.7834, 16.5962, 18.6062



21.6264, 10.9940, 8.0070



1.9506, 0.9862, 0.9663



# Inverse Universe

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



66.5017, 59.0068, 68.8580



69.6132, 59.0637, 69.7854



67.4961, 78.8029, 97.2417



16.7834, 16.5962, 18.6062



21.6264, 10.9940, 8.0070



1.9506, 0.9862, 0.9663



# Previews

## White Background



This preview shows how the XYZ color 66.5000, 59.0041, 68.8568 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 66.5000, 59.0041, 68.8568 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

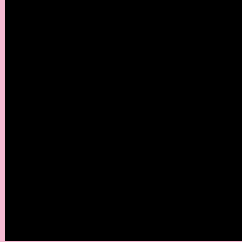
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 66.5000, 59.0041, 68.8568

## Background



This preview shows how black text looks on a background with the XYZ color 66.5000, 59.0041, 68.8568.



This preview shows how white text looks on a background with the XYZ color 66.5000, 59.0041,

68.8568.

# 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

66.5000, 59.0041, 68.8568

### Protanopia

57.7602, 59.3053, 75.4206

### Deuteranopia

60.3385, 59.0940, 67.9006



## Tritanopia

65.3931, 58.8596, 63.7916

# Trichromacy



## Original Color

66.5000, 59.0041, 68.8568

## Protanomaly

60.7499, 59.1894, 73.1886

## Deuteranomaly

62.3532, 58.7967, 68.3841

## Tritanomaly

65.7519, 59.0031, 65.6808

# Monochromacy



## Original Color

66.5000, 59.0041, 68.8568

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

61.2011, 60.5675, 67.4965

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 66.5000, 59.0041, 68.8568 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(244, 186, 210)` looks like.

```
.text, #text, p{  
    color:rgb(244, 186, 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(244, 186, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 186, 210) }
```

## Border

The CSS property to change the border of an element to XYZ 66.5000, 59.0041, 68.8568 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(244, 186, 210) }
```



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

```
.border{ border-color:rgb(244, 186, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 186, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 186, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 186, 210);  
box-shadow:4px 4px 4px 4px rgb(244, 186,  
210) }
```

# Background

The CSS property to change the background color of an element to XYZ 66.5000, 59.0041, 68.8568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 186, 210) }
```

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

```
.background{ background-color: rgb(244,  
186, 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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