

Converting Colors

XYZ(65.6460, 59.1429, 66.5717)

Have a look what the booklet for
XYZ(65.6460, 59.1429, 66.5717)
contains.

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Color

**XYZ(65.7417, 59.2999,
66.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BCCE
RGB	242, 188, 206
RGB Percent	95%, 74%, 81%
CMY	0.0510, 0.2627, 0.1922
CMYK	0.00, 0.22, 0.15, 0.05
HSL	340°, 67%, 84%
HSV	340°, 22%, 95%
XYZ	65.7417, 59.2999, 66.3736
YIQ	206.1980, 26.4060, 17.0460

Conversions

Conversions Part 2

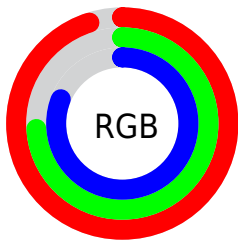
Format	Color
R _Y B	242, 188, 206
Decimal	15908046
CIE Lab	81.46, 22.12, -1.55
CIE LCh	81, 22.170, 355.985
Yxy	59.2999, 0.3435, 0.3098
Android (android.graphics.Color)	4294098126 (0xFFFF2BCCE)
YUV	206.1980, -0.0976, 31.3984
Hunter-Lab	77.0064, 17.6272, 2.8011

Details

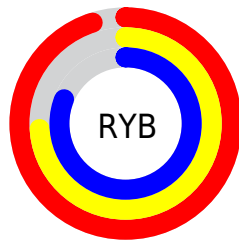
The XYZ color **65.7417, 59.2999, 66.3736** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.9481, 79.5789, 82.4091**, and the grayscale version is **58.7832, 61.8445, 67.3486**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **34.2002, 29.6315, 33.6227** is the 20% darker color. If you saturate the color by 10%, you get **59.1386, 49.0707, 54.9935**, and if you desaturate by 10%, it is **73.4162, 71.3486, 79.1050**.

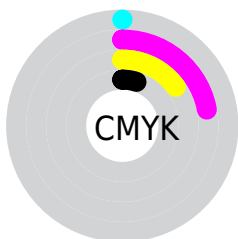
Distribution



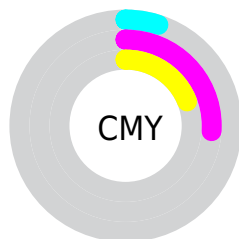
- Red (95%)
- Green (74%)
- Blue (81%)



- Red (95%)
- Yellow (74%)
- Blue (81%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (5%)




- Cyan (5%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7417, 59.2999, 66.3736 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 65.7417, 59.2999, 66.3736 by changing the saturation by 10% instead.


 65.7417, 59.2999,
66.3736

 65.7417, 59.2999,
66.3736


434.9558,
422.0124, 466.1525

 48.3297, 42.8546,
48.1173

 112.1753,
103.8134, 115.6545

 34.3004, 29.7710,
33.5592


141.9276,
132.6504, 147.5162

 23.2884, 19.6649,
22.2805

176.5240,
166.3867, 184.7502

 14.9285, 12.1517,
13.8629

216.3300,
205.4068, 227.7749

 8.8552, 6.8471,
7.8877

261.7108,
250.0950, 277.0090

 4.7032, 3.3666,
3.9364

313.0317,

 2.1072, 1.3260,

300.8357, 332.8709

1.5905

370.6583,
358.0134, 395.7792

■ 0.6931, 0.1612,
0.2841

■ 0.0000, 0.0000,
0.0000

■ 65.7417, 59.2999,
66.3736

■ 65.7417, 59.2999,
66.3736

■ 59.1386, 49.0707,
54.9935

■ 73.4162, 71.3486,
79.1050

■ 53.5526, 40.5640,
44.9147

■ 82.2031, 85.2913,
93.2278

■ 48.9322, 33.6863,
36.0894

■ 90.3326, 97.5791,
108.1801

■ 45.2191, 28.3316,
28.4654

■ 90.4282, 97.6174,
108.6837

■ 42.3483, 24.3814,
21.9862

■ 40.2457, 21.6993,
16.5899

■ 38.8228, 20.1212,
12.2072

■ 38.0904, 19.4663,
9.4666

Harmonies

Analogous

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



64.0880, 59.2999, 79.9459



65.7417, 59.2999, 66.3736



64.7712, 59.2999, 54.0047

Triad

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



65.7417, 59.2999, 66.3736



52.5426, 59.2999, 44.2107



51.5166, 59.2999, 88.1532

Complementary

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



65.7417, 59.2999, 66.3736



65.9481, 79.5789, 82.4091

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.



48.7155, 59.2999, 76.4249



65.7417, 59.2999, 66.3736



49.2847, 59.2999, 51.2997

Square

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



65.7417, 59.2999, 66.3736



56.9899, 59.2999, 42.2811



47.9212, 59.2999, 62.7945



55.7402, 59.2999, 93.5651

Rectangle

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



65.7417, 59.2999, 66.3736



62.7937, 59.2999, 47.8765



47.9212, 59.2999, 62.7945



50.3866, 59.2999, 84.7465

Sweetspot

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



65.7434, 59.3026, 66.3748



87.7603, 88.3923, 97.3084



64.7528, 58.2274, 91.8311



18.6561, 18.7162, 20.6220



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.



65.7434, 59.3026, 66.3748



70.3511, 61.0493, 68.4600



65.6633, 62.4432, 56.1722



15.9901, 15.8457, 17.5040



20.5189, 10.4800, 5.3832



1.7515, 0.8896, 0.6820

Inverse Universe

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



65.7434, 59.3026, 66.3748



70.3511, 61.0493, 68.4600



65.9069, 75.3816, 95.0814



15.9901, 15.8457, 17.5040



20.5189, 10.4800, 5.3832



1.7515, 0.8896, 0.6820

Previews

White Background



This preview shows how the XYZ color 65.7417, 59.2999, 66.3736 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 65.7417, 59.2999, 66.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

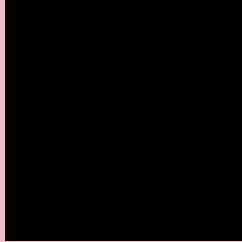
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7417, 59.2999, 66.3736

Background



This preview shows how black text looks on a background with the XYZ color 65.7417, 59.2999, 66.3736.



This preview shows how white text looks on a background with the XYZ color 65.7417, 59.2999,

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

65.7417, 59.2999, 66.3736

Protanopia

57.6528, 59.3248, 72.0305

Deuteranopia

60.4578, 59.2116, 65.3693



Tritanopia

65.3807, 59.1555, 64.4721

Trichromacy



Original Color

65.7417, 59.2999, 66.3736

Protanomaly

60.1131, 58.9347, 69.8353

Deuteranomaly

62.4025, 59.2057, 65.8965

Tritanomaly

65.5003, 59.2033, 65.1019

Monochromacy



Original Color

65.7417, 59.2999, 66.3736

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.7774, 60.3631, 66.8405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7417, 59.2999, 66.3736 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(242, 188, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 188, 206)  
}
```

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(242, 188, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 188, 206) }
```

Border

The CSS property to change the border of an element to XYZ 65.7417, 59.2999, 66.3736 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(242, 188, 206) }
```


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

```
.border{ border-color:rgb(242, 188, 206) }
```

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

Here you see how a box with a 4 pixel rgb(242, 188, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 188, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 188, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 188,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7417, 59.2999, 66.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 188, 206) }
```

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

```
.background{ background-color: rgb(242,  
188, 206) }
```

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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