

# Converting Colors

XYZ(65.8485, 60.5741, 66.9554)

Have a look what the booklet for  
XYZ(65.8485, 60.5741, 66.9554)  
contains.

<b>XYZ(66.0473, 60.7295, 67.2724)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(66.0473, 60.7295,  
67.2724)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C0CF
RGB	240, 192, 207
RGB Percent	94%, 75%, 81%
CMY	0.0588, 0.2470, 0.1882
CMYK	0.00, 0.20, 0.14, 0.06
HSL	341°, 62%, 85%
HSV	341°, 20%, 94%
XYZ	66.0473, 60.7295, 67.2724
YIQ	208.0620, 23.7930, 14.8410

# Conversions

## Conversions Part 2

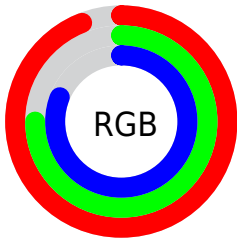
Format	Color
R <sub>Y</sub> B	240, 192, 207
Decimal	15777999
CIE Lab	82.23, 19.45, -0.97
CIE LCh	82, 19.475, 357.131
Yxy	60.7295, 0.3404, 0.3130
Android (android.graphics.Color)	4293968079 (0xFFFF0C0CF)
YUV	208.0620, -0.5236, 28.0096
Hunter-Lab	77.9291, 14.9082, 3.3682

# Details

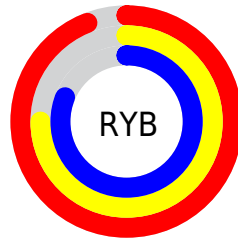
The XYZ color **66.0473, 60.7295, 67.2724** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4913, 78.9645, 82.9751**, and the grayscale version is **59.9883, 63.1124, 68.7294**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **34.3667, 30.5441, 34.2213** is the 20% darker color. If you saturate the color by 10%, you get **59.2882, 50.2723, 55.5808**, and if you desaturate by 10%, it is **73.8800, 72.9950, 80.3635**.

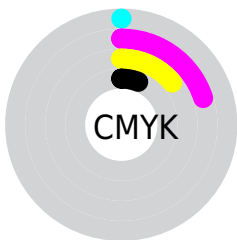
# Distribution



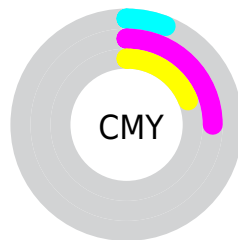
- Red (94%)
- Green (75%)
- Blue (81%)



- Red (94%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (6%)



- Cyan (6%)
- Magenta (25%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0473, 60.7295, 67.2724 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 66.0473, 60.7295, 67.2724 by changing the saturation by 10% instead.



66.0473, 60.7295,  
67.2724

66.0473, 60.7295,  
67.2724

436.0320,  
427.2815, 469.4416

48.5786, 44.0069,  
48.8430

112.6116,  
105.8872, 116.9550

34.4985, 30.6759,  
34.1303

142.4379,  
135.0910, 149.0453

23.4415, 20.3522,  
22.7155

177.1142,  
169.2241, 186.5264

15.0424, 12.6513,  
14.1803

217.0057,  
208.6708, 229.8167

8.9356, 7.1889,  
8.1060

262.4779,  
253.8155, 279.3349

4.7560, 3.5805,  
4.0741


313.8961,


2.1381, 1.4418,


305.0426, 335.4994


1.6661


371.6257,  
362.7364, 398.7288


 0.7098, 0.2472,  
0.3373


 0.0000, 0.0000,  
0.0000


 66.0473, 60.7295,  
67.2724


 66.0473, 60.7295,  
67.2724


 59.2882, 50.2723,  
55.5808


 73.8800, 72.9950,  
80.3635

 53.5494, 41.5295,  
45.2372

 82.8261, 87.1406,  
94.8958

 48.7809, 34.4110,  
36.1921

 89.7455, 97.2654,  
108.6518

 44.9262, 28.8151,  
28.3915

■ 41.9226, 24.6286,  
21.7772

■ 39.6990, 21.7223,  
16.2857

■ 38.1718, 19.9427,  
11.8464

■ 37.2052, 19.0334,  
8.3676

■ 37.2050, 19.0332,  
8.3670

# Harmonies

## Analogous

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



64.6730, 60.7295, 79.2923



66.0473, 60.7295, 67.2724



65.1040, 60.7295, 56.2579

# Triad

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



66.0473, 60.7295, 67.2724



54.1651, 60.7295, 47.8303



53.5060, 60.7295, 87.1927

# Complementary

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



66.0473, 60.7295, 67.2724



66.4913, 78.9645, 82.9751

# 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.



50.9194, 60.7295, 77.0812



66.0473, 60.7295, 67.2724



51.2870, 60.7295, 54.5010

# Square

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



66.0473, 60.7295, 67.2724



58.1211, 60.7295, 45.8586



50.1267, 60.7295, 64.9889



57.3238, 60.7295, 91.6223



# Rectangle

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



66.0473, 60.7295, 67.2724



63.3115, 60.7295, 50.7755



50.1267, 60.7295, 64.9889



52.4708, 60.7295, 84.2905

# Sweetspot

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



66.0490, 60.7322, 67.2737



88.7140, 89.9646, 98.6600



65.5690, 59.9689, 90.5581



18.8469, 19.0326, 20.8866



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.



66.0490, 60.7322, 67.2737



72.4876, 64.5547, 71.5383



66.2917, 64.0138, 58.7344



15.9762, 15.8402, 17.4309



20.4191, 10.4401, 4.8576



1.7418, 0.8858, 0.6314



# Inverse Universe

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



66.0490, 60.7322, 67.2737



72.4876, 64.5547, 71.5383



66.1004, 74.7634, 93.3857



15.9762, 15.8402, 17.4309



20.4191, 10.4401, 4.8576



1.7418, 0.8858, 0.6314



# Previews

## White Background



This preview shows how the XYZ color 66.0473, 60.7295, 67.2724 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

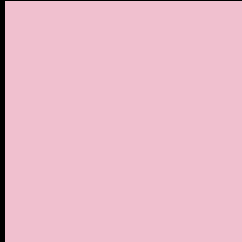
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 66.0473, 60.7295, 67.2724 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 66.0473, 60.7295, 67.2724**

## **Background**



This preview shows how black text looks on a background with the XYZ color 66.0473, 60.7295, 67.2724.



This preview shows how white text looks on a background with the XYZ color 66.0473, 60.7295,

67.2724.

# 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

66.0473, 60.7295, 67.2724

### Protanopia

59.1841, 61.1626, 72.3046

### Deuteranopia

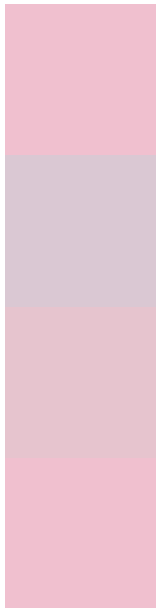
62.0751, 60.6917, 66.8355



## Tritanopia

66.0473, 60.7295, 67.2724

# Trichromacy



## Original Color

66.0473, 60.7295, 67.2724

## Protanomaly

61.3256, 60.9171, 70.1540

## Deuteranomaly

63.5136, 60.7591, 66.7727

## Tritanomaly

66.0473, 60.7295, 67.2724

# Monochromacy



## Original Color

66.0473, 60.7295, 67.2724

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

62.0209, 62.0108, 68.3749

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 66.0473, 60.7295, 67.2724 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(240, 192, 207)` looks like.

```
.text, #text, p{  
    color:rgb(240, 192, 207)  
}
```

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(240, 192, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 192, 207) }
```

## Border

The CSS property to change the border of an element to XYZ 66.0473, 60.7295, 67.2724 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(240, 192, 207) }
```



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

```
.border{ border-color:rgb(240, 192, 207) }
```

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

Here you see how a box with a 4 pixel rgb(240, 192, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 192, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 192, 207);  
box-shadow:4px 4px 4px 4px rgb(240, 192,  
207) }
```

# Background

The CSS property to change the background color of an element to XYZ 66.0473, 60.7295, 67.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 192, 207) }
```

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

```
.background{ background-color: rgb(240,  
192, 207) }
```

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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