

# Converting Colors

XYZ(66.6329, 64.2802, 64.8004)

Have a look what the booklet for  
XYZ(66.6329, 64.2802, 64.8004)  
contains.

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# Color

**XYZ(66.4724, 64.0421,  
64.7350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDC9CA
RGB	237, 201, 202
RGB Percent	93%, 79%, 79%
CMY	0.0706, 0.2117, 0.2078
CMYK	0.00, 0.15, 0.15, 0.07
HSL	358°, 50%, 86%
HSV	358°, 15%, 93%
XYZ	66.4724, 64.0421, 64.7350
YIQ	211.8780, 21.1350, 7.9430

# Conversions

## Conversions Part 2

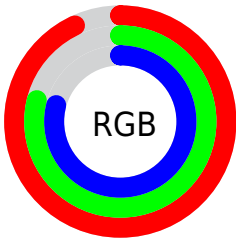
Format	Color
R <sub>Y</sub> B	237, 201, 202
Decimal	15583690
CIE Lab	83.99, 12.84, 4.22
CIE LCh	84, 13.512, 18.197
Yxy	64.0421, 0.3404, 0.3280
Android (android.graphics.Color)	4293773770 (0xFFEDC9CA)
YUV	211.8780, -4.8699, 22.0320
Hunter-Lab	80.0263, 8.2217, 8.0575

# Details

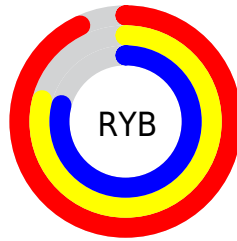
The XYZ color **66.4724, 64.0421, 64.7350** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5145, 79.0436, 90.9540**, and the grayscale version is **62.5213, 65.7772, 71.6314**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8351, 32.8293, 32.5177** is the 20% darker color. If you saturate the color by 10%, you get **58.8403, 52.8228, 49.7196**, and if you desaturate by 10%, it is **75.3680, 77.1349, 82.1832**.

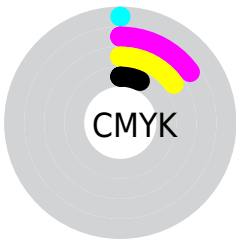
# Distribution



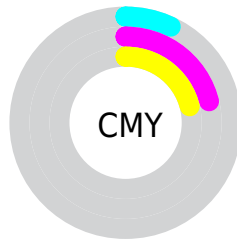
- Red (93%)
- Green (79%)
- Blue (79%)



- Red (93%)
- Yellow (79%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4724, 64.0421, 64.7350 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 66.4724, 64.0421, 64.7350 by changing the saturation by 10% instead.



66.4724, 64.0421,  
64.7350

66.4724, 64.0421,  
64.7350

437.5265,  
439.3417, 460.1192

48.9251, 46.6848,  
46.7963

113.2181,  
110.6716, 113.2784

34.7744, 32.7865,  
32.5214

143.1471,  
140.7125, 144.7202

23.6548, 21.9630,  
21.4920

177.9342,  
175.7501, 181.5000

15.2011, 13.8297,  
13.2894

217.9446,  
216.1687, 224.0364

9.0479, 8.0023,  
7.4950

263.5436,  
262.3528, 272.7480

4.8298, 4.0964,  
3.6905

315.0968,

2.1815, 1.7276,

314.6867, 328.0533

1.4571

372.9693,  
373.5549, 390.3709

■ 0.7329, 0.4415,  
0.1857

■ 0.0000, 0.0000,  
0.0000

■ 66.4724, 64.0421,  
64.7350

■ 66.4724, 64.0421,  
64.7350

■ 58.8403, 52.8228,  
49.7196

■ 75.3680, 77.1349,  
82.1832

■ 52.4093, 43.3832,  
37.0252

■ 85.5750, 92.1723,  
102.1612

■ 47.1199, 35.6346,  
26.5372

■ 88.7354, 96.7447,  
108.6045

■ 42.9055, 29.4771,  
18.1298

■ 39.6922, 24.8003,  
11.6645

■ 37.3972, 21.4798,  
6.9859

■ 35.9243, 19.3709,  
3.9151

■ 35.1560, 18.2960,  
2.2357

■ 34.9613, 18.0191,  
1.8236

# Harmonies

## Analogous

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



66.6478, 64.0421, 73.1388



66.4724, 64.0421, 64.7350



64.7665, 64.0421, 58.2088

# Triad

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



66.4724, 64.0421, 64.7350



56.7014, 64.0421, 59.3629



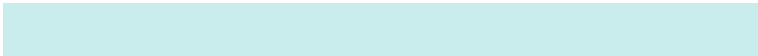
59.7066, 64.0421, 87.0432

# Complementary

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



66.4724, 64.0421, 64.7350



69.5145, 79.0436, 90.9540

# 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.



57.1331, 64.0421, 82.6813



66.4724, 64.0421, 64.7350



55.4363, 64.0421, 66.4307

# Square

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



66.4724, 64.0421, 64.7350



59.0997, 64.0421, 55.2859



55.5918, 64.0421, 74.9776



62.6755, 64.0421, 86.4956



# Rectangle

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



66.4724, 64.0421, 64.7350



63.0213, 64.0421, 55.5887



55.5918, 64.0421, 74.9776



58.7684, 64.0421, 86.0888

# Sweetspot

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



66.4742, 64.0450, 64.7363



89.1843, 91.3603, 97.4136



70.7002, 65.6893, 89.0745



18.9194, 19.3050, 20.5180



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.



66.4742, 64.0450, 64.7363



75.7440, 71.5816, 71.0390



70.4891, 72.2629, 65.4948



15.0824, 15.0608, 15.7190



19.0952, 9.8408, 1.0368



1.5054, 0.7751, 0.1128



# Inverse Universe

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



66.4742, 64.0450, 64.7363



75.7440, 71.5816, 71.0390



65.0217, 69.8259, 90.1722



15.0824, 15.0608, 15.7190



19.0952, 9.8408, 1.0368



1.5054, 0.7751, 0.1128



# Previews

## White Background



This preview shows how the XYZ color 66.4724, 64.0421, 64.7350 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

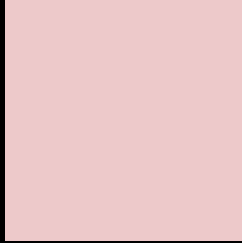
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 66.4724, 64.0421, 64.7350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

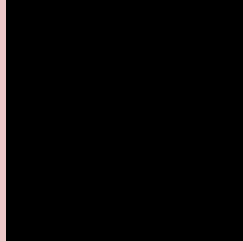
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 66.4724, 64.0421, 64.7350

## Background



This preview shows how black text looks on a background with the XYZ color 66.4724, 64.0421, 64.7350.



This preview shows how white text looks on a background with the XYZ color 66.4724, 64.0421,

64.7350.

# 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

66.4724, 64.0421, 64.7350

### Protanopia

61.6726, 64.3533, 67.5635

### Deuteranopia

65.6209, 64.2998, 64.8296



## Tritanopia

68.2858, 64.1039, 73.0642

# Trichromacy



## Original Color

66.4724, 64.0421, 64.7350

## Protanomaly

63.2150, 64.0800, 66.7945

## Deuteranomaly

65.7129, 63.9978, 64.7665

## Tritanomaly

67.5470, 64.1388, 69.7927

# Monochromacy



## Original Color

66.4724, 64.0421, 64.7350

## Achromatopsia

62.5785, 65.8375, 71.6970

## Achromatomaly

63.7598, 65.0380, 68.8676

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 66.4724, 64.0421, 64.7350 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, 201, 202)` looks like.

```
.text, #text, p{  
    color:rgb(237, 201, 202)  
}
```

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, 201, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 202) }
```

## Border

The CSS property to change the border of an element to XYZ 66.4724, 64.0421, 64.7350 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, 201, 202) }
```



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

```
.border{ border-color:rgb(237, 201, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 201, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 201, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 201, 202);  
box-shadow:4px 4px 4px 4px rgb(237, 201,  
202) }
```

# Background

The CSS property to change the background color of an element to XYZ 66.4724, 64.0421, 64.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 202) }
```

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

```
.background{ background-color: rgb(237,  
201, 202) }
```

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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