

# Converting Colors

XYZ(66.6984, 62.9005, 64.1295)

Have a look what the booklet for  
XYZ(66.6984, 62.9005, 64.1295)  
contains.

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# Color

**XYZ(66.4440, 62.6748,  
63.8538)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C5C9
RGB	240, 197, 201
RGB Percent	94%, 77%, 79%
CMY	0.0588, 0.2274, 0.2118
CMYK	0.00, 0.18, 0.16, 0.06
HSL	354°, 59%, 86%
HSV	354°, 18%, 94%
XYZ	66.4440, 62.6748, 63.8538
YIQ	210.3130, 24.3440, 10.3600

# Conversions

## Conversions Part 2

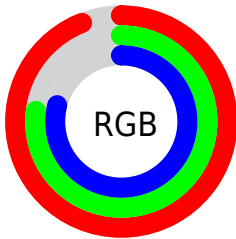
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 197, 201
Decimal	15779273
CIE Lab	83.27, 15.86, 3.75
CIE LCh	83, 16.299, 13.303
Yxy	62.6748, 0.3443, 0.3248
Android (android.graphics.Color)	4293969353 (0xFFFF0C5C9)
YUV	210.3130, -4.5913, 26.0355
Hunter-Lab	79.1674, 11.2693, 7.5959

# Details

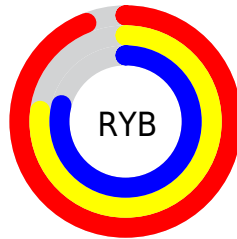
The XYZ color **66.4440, 62.6748, 63.8538** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3288, 80.2481, 91.1961**, and the grayscale version is **61.4836, 64.6856, 70.4426**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **34.6174, 31.8188, 31.9209** is the 20% darker color. If you saturate the color by 10%, you get **59.0402, 51.6788, 49.6340**, and if you desaturate by 10%, it is **75.0818, 75.5568, 80.2770**.

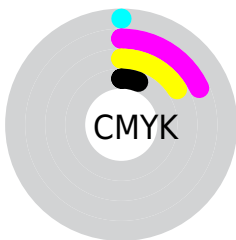
# Distribution



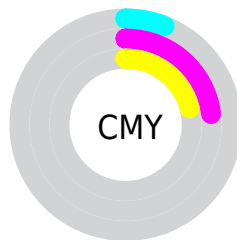
- Red (94%)
- Green (77%)
- Blue (79%)



- Red (94%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (6%)



- Cyan (6%)
- Magenta (23%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4440, 62.6748, 63.8538 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 66.4440, 62.6748, 63.8538 by changing the saturation by 10% instead.



66.4440, 62.6748,  
63.8538

66.4440, 62.6748,  
63.8538

437.4268,  
434.3883, 456.8545

48.9020, 45.5782,  
46.0868

113.1776,  
108.7002, 111.9978

34.7559, 31.9131,  
31.9652

143.0998,  
138.3978, 143.2119

23.6406, 21.2951,  
21.0703

177.8794,  
173.0645, 179.7455

15.1905, 13.3399,  
12.9837

217.8819,  
213.0847, 222.0171

9.0404, 7.6630,  
7.2867

263.4725,  
258.8427, 270.4453

4.8248, 3.8801,  
3.5609

315.0166,

2.1786, 1.6067,

310.7231, 325.4485

1.3877

372.8796,  
369.1102, 387.4454

■ 0.7314, 0.3621,  
0.1321

■ 0.0000, 0.0000,  
0.0000

■ 66.4440, 62.6748,  
63.8538

■ 66.4440, 62.6748,  
63.8538

■ 59.0402, 51.6788,  
49.6340

■ 75.0818, 75.5568,  
80.2770

■ 52.8091, 42.4722,  
37.5201

■ 85.0010, 90.3983,  
98.9877

■ 47.6918, 34.9629,  
27.4129

■ 89.7454, 97.2654,  
108.6517

■ 43.6225, 29.0470,  
19.2040

■ 40.5281, 24.6093,  
12.7743

■ 38.3264, 21.5191,  
7.9915

■ 36.9211, 19.6229,  
4.7048

■ 36.1857, 18.7124,  
2.7321

■ 36.0832, 18.5845,  
2.4599

# Harmonies

## Analogous

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



66.3318, 62.6748, 73.9984



66.4440, 62.6748, 63.8538



64.6632, 62.6748, 55.7250

# Triad

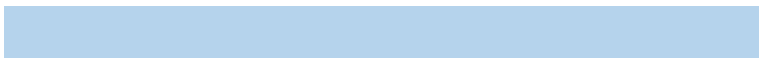
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4440, 62.6748, 63.8538



55.0225, 62.6748, 55.0146



57.6359, 62.6748, 88.6716

# Complementary

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



66.4440, 62.6748, 63.8538



69.3288, 80.2481, 91.1961

# 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.



54.7525, 62.6748, 82.5061



66.4440, 62.6748, 63.8538



53.2850, 62.6748, 62.7925

# Square

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



66.4440, 62.6748, 63.8538



58.0178, 62.6748, 50.9731



53.1882, 62.6748, 72.8272



61.1507, 62.6748, 89.0280



# Rectangle

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



66.4440, 62.6748, 63.8538



62.6816, 62.6748, 52.2643



53.1882, 62.6748, 72.8272



56.5641, 62.6748, 87.1839

# Sweetspot

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



66.4457, 62.6776, 63.8551



89.3100, 91.4106, 98.0756



70.1888, 64.0082, 91.0940



18.9498, 19.3171, 20.6781



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.



66.4457, 62.6776, 63.8551



73.4242, 67.7204, 67.8660



70.1123, 70.7532, 62.7882



15.8324, 15.7827, 16.6739



19.7731, 10.1817, 1.4560



1.6650, 0.8551, 0.2270



# Inverse Universe

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



66.4457, 62.6776, 63.8551



73.4242, 67.7204, 67.8660



65.0907, 70.8324, 92.6799



15.8324, 15.7827, 16.6739



19.7731, 10.1817, 1.4560



1.6650, 0.8551, 0.2270



# Previews

## White Background



This preview shows how the XYZ color 66.4440, 62.6748, 63.8538 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

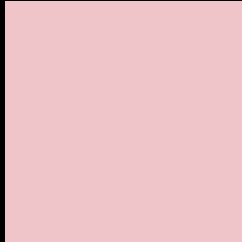
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 66.4440, 62.6748, 63.8538 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 66.4440, 62.6748, 63.8538**

## **Background**



This preview shows how black text looks on a background with the XYZ color 66.4440, 62.6748, 63.8538.



This preview shows how white text looks on a background with the XYZ color 66.4440, 62.6748,



# 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

66.4440, 62.6748, 63.8538

### Protanopia

60.6048, 63.0789, 67.3738

### Deuteranopia

63.9451, 62.7664, 63.3884



## Tritanopia

67.5486, 62.4341, 70.1188

# Trichromacy



## Original Color

66.4440, 62.6748, 63.8538

## Protanomaly

62.3792, 62.6011, 65.9222

## Deuteranomaly

65.0113, 62.9711, 63.3718

## Tritanomaly

67.2780, 62.6856, 67.5851

# Monochromacy



## Original Color

66.4440, 62.6748, 63.8538

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

62.9126, 63.5398, 67.9800

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 66.4440, 62.6748, 63.8538 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, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(240, 197, 201)  
}
```

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, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 197, 201) }
```

## Border

The CSS property to change the border of an element to XYZ 66.4440, 62.6748, 63.8538 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, 197, 201) }
```



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

```
.border{ border-color:rgb(240, 197, 201) }
```

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

Here you see how a box with a 4 pixel rgb(240, 197, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(240, 197,  
201) }
```

# Background

The CSS property to change the background color of an element to XYZ 66.4440, 62.6748, 63.8538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 197, 201) }
```

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

```
.background{ background-color: rgb(240,  
197, 201) }
```

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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