

# Converting Colors

XYZ(64.3437, 58.6618, 62.5752)

Have a look what the booklet for  
XYZ(64.3437, 58.6618, 62.5752)  
contains.

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# **Color**

**XYZ(64.3437, 58.6618,  
62.5752)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0BCC8
RGB	240, 188, 200
RGB Percent	94%, 74%, 78%
CMY	0.0588, 0.2627, 0.2157
CMYK	0.00, 0.22, 0.17, 0.06
HSL	346°, 63%, 84%
HSV	346°, 22%, 94%
XYZ	64.3437, 58.6618, 62.5752
YIQ	204.9160, 27.1400, 14.7560

# Conversions

## Conversions Part 2

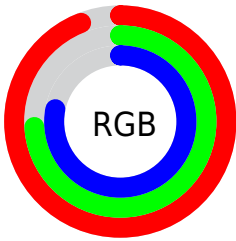
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 188, 200
Decimal	15776968
CIE Lab	81.11, 20.47, 1.14
CIE LCh	81, 20.503, 3.192
Yxy	58.6618, 0.3467, 0.3161
Android (android.graphics.Color)	4293967048 (0xFFFF0BCC8)
YUV	204.9160, -2.4236, 30.7687
Hunter-Lab	76.5910, 15.9227, 5.1735

# Details

The XYZ color **64.3437, 58.6618, 62.5752** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.9050, 78.6144, 85.1030**, and the grayscale version is **57.9791, 60.9985, 66.4274**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **33.2418, 29.1928, 31.0769** is the 20% darker color. If you saturate the color by 10%, you get **57.6077, 48.4367, 50.3192**, and if you desaturate by 10%, it is **72.1961, 70.7016, 76.4904**.

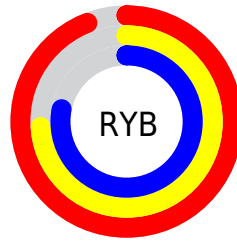
# Distribution



Red (94%)

Green (74%)

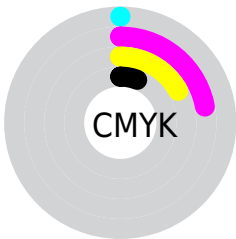
Blue (78%)



Red (94%)

Yellow (74%)

Blue (78%)

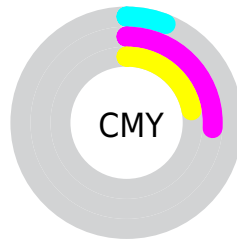


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (6%)



Cyan (6%)

Magenta (26%)

Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3437, 58.6618, 62.5752 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 64.3437, 58.6618, 62.5752 by changing the saturation by 10% instead.





 64.3437, 58.6618,  
62.5752

 64.3437, 58.6618,  
62.5752


430.0123,  
419.6474, 452.0916

 47.1918, 42.3409,  
45.0588

 110.1767,  
102.8860, 110.1361

 33.3959, 29.3683,  
31.1605


139.5886,  
131.5581, 141.0177

 22.5906, 19.3596,  
20.4616


173.8179,  
165.1160, 177.1914

 14.4105, 11.9304,  
12.5436

213.2299,  
203.9442, 219.0759

 8.4904, 6.6963,  
6.9880

258.1900,  
248.4270, 267.0896

 4.4647, 3.2729,  
3.3763

309.0635,

 1.9682, 1.2758,

298.9489, 321.6511

1.2898

366.2158,  
355.8943, 383.1789

0.6160, 0.1224,  
0.0534

0.0000, 0.0000,  
0.0000

64.3437, 58.6618,  
62.5752

64.3437, 58.6618,  
62.5752

57.6077, 48.4367,  
50.3192

72.1961, 70.7016,  
76.4904

51.9319, 39.9302,  
39.6559

81.2080, 84.6299,  
92.1203

47.2624, 33.0498,  
30.5198

89.7454, 97.2654,  
108.6517

43.5386, 27.6908,  
22.8393

■ 40.6930, 23.7363,  
16.5367

■ 38.6488, 21.0522,  
11.5268

■ 37.3153, 19.4777,  
7.7138

■ 36.6339, 18.8048,  
5.3600

# Harmonies

## Analogous

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



63.3935, 58.6618, 75.0512



64.3437, 58.6618, 62.5752



62.8979, 58.6618, 51.8687

# Triad

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



64.3437, 58.6618, 62.5752



51.3900, 58.6618, 46.1793



52.1420, 58.6618, 87.1887

# Complementary

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



64.3437, 58.6618, 62.5752



65.9050, 78.6144, 85.1030

# 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.



49.1768, 58.6618, 77.5991



64.3437, 58.6618, 62.5752



48.7585, 58.6618, 53.8633

# Square

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



64.3437, 58.6618, 62.5752



55.3014, 58.6618, 43.1915



47.9691, 58.6618, 65.1881



56.2137, 58.6618, 90.2833



# Rectangle

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



64.3437, 58.6618, 62.5752



60.8108, 58.6618, 46.8670



47.9691, 58.6618, 65.1881



50.9899, 58.6618, 84.5625

# Sweetspot

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



64.3453, 58.6645, 62.5764



88.5242, 89.8886, 97.6606



65.6659, 58.7327, 90.3142



18.8022, 19.0147, 20.6510



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.



64.3453, 58.6645, 62.5764



70.2717, 61.8857, 65.3656



66.1034, 64.3370, 56.5145



15.9222, 15.8186, 17.1464



20.0958, 10.3108, 3.1552



1.7088, 0.8725, 0.4572



# Inverse Universe

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



64.3453, 58.6645, 62.5764



70.2717, 61.8857, 65.3656



63.7019, 71.4498, 92.8723



15.9222, 15.8186, 17.1464



20.0958, 10.3108, 3.1552



1.7088, 0.8725, 0.4572



# Previews

## White Background



This preview shows how the XYZ color 64.3437, 58.6618, 62.5752 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

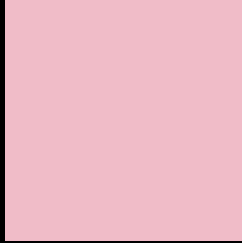
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 64.3437, 58.6618, 62.5752 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

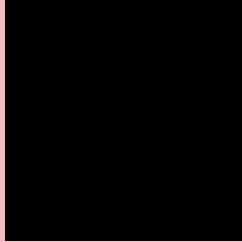
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 64.3437, 58.6618, 62.5752

## Background



This preview shows how black text looks on a background with the XYZ color 64.3437, 58.6618, 62.5752.



This preview shows how white text looks on a background with the XYZ color 64.3437, 58.6618,

62.5752.

# 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

64.3437, 58.6618, 62.5752

### Protanopia

57.0510, 59.1157, 67.4350

### Deuteranopia

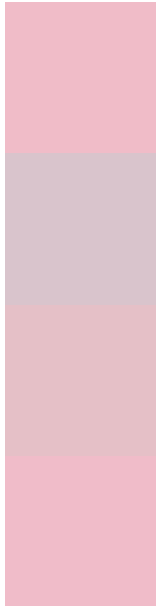
59.9481, 58.6833, 62.2002



## Tritanopia

64.5791, 58.7560, 63.8145

# Trichromacy



## Original Color

64.3437, 58.6618, 62.5752

## Protanomaly

59.2543, 58.5912, 65.3129

## Deuteranomaly

61.4715, 58.4808, 62.0809

## Tritanomaly

64.4610, 58.7088, 63.1928

# Monochromacy



## Original Color

64.3437, 58.6618, 62.5752

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

60.1164, 60.0641, 64.9250

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 64.3437, 58.6618, 62.5752 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, 188, 200) looks like.

```
.text, #text, p{  
    color:rgb(240, 188, 200)  
}
```

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, 188, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 188, 200) }
```

## Border

The CSS property to change the border of an element to XYZ 64.3437, 58.6618, 62.5752 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, 188, 200) }
```



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

```
.border{ border-color:rgb(240, 188, 200) }
```

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

Here you see how a box with a 4 pixel rgb(240, 188, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 188, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 188, 200);  
box-shadow:4px 4px 4px 4px rgb(240, 188,  
200) }
```

# Background

The CSS property to change the background color of an element to XYZ 64.3437, 58.6618, 62.5752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 188, 200) }
```

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

```
.background{ background-color: rgb(240,  
188, 200) }
```

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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