

# Converting Colors

XYZ(58.2510, 54.5817, 48.5710)

Have a look what the booklet for  
XYZ(58.2510, 54.5817, 48.5710)  
contains.

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# Color

**XYZ(58.2557, 54.5714,  
48.5372)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8B8B0
RGB	232, 184, 176
RGB Percent	91%, 72%, 69%
CMY	0.0902, 0.2784, 0.3098
CMYK	0.00, 0.21, 0.24, 0.09
HSL	9°, 55%, 80%
HSV	9°, 24%, 91%
XYZ	58.2557, 54.5714, 48.5372
YIQ	197.4400, 31.1760, 7.6880

# Conversions

## Conversions Part 2

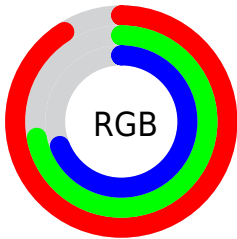
Format	Color
R <sub>Y</sub> B	232, 185, 176
Decimal	15251632
CIE Lab	78.79, 16.13, 10.66
CIE LCh	79, 19.330, 33.457
Yxy	54.5714, 0.3610, 0.3382
Android (android.graphics.Color)	4293441712 (0xFFE8B8B0)
YUV	197.4400, -10.5699, 30.3091
Hunter-Lab	73.8725, 11.4880, 12.7548

# Details

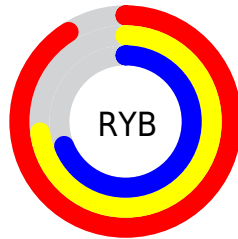
The XYZ color **58.2557, 54.5714, 48.5372** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.1250, 68.3657, 86.4240**, and the grayscale version is **53.3869, 56.1672, 61.1661**.

A 20% lighter version of the original color is **86.9656, 89.4064, 89.0175**, and **29.6589, 26.9179, 22.7013** is the 20% darker color. If you saturate the color by 10%, you get **52.3095, 46.0438, 36.1813**, and if you desaturate by 10%, it is **65.1777, 64.4221, 63.1550**.

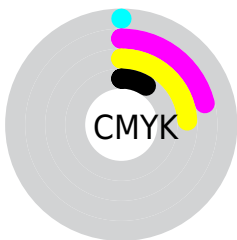
# Distribution



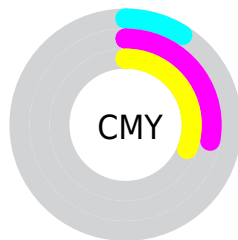
- Red (91%)
- Green (72%)
- Blue (69%)



- Red (91%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (24%)
- Black (9%)




- Cyan (9%)
- Magenta (28%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2557, 54.5714, 48.5372 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 58.2557, 54.5714, 48.5372 by changing the saturation by 10% instead.




 58.2557, 54.5714,  
48.5372

 58.2557, 54.5714,  
48.5372


408.0766,  
404.2852, 397.4875

 42.2583, 39.0587,  
33.8895


 101.4160, 96.9127,  
89.3776

 29.4956, 26.8054,  
22.5320


129.3095,  
124.5101, 116.4073

 19.6022, 17.4271,  
14.0463

161.8992,  
156.9045, 148.4015

 12.2128, 10.5395,  
8.0138

199.5503,  
194.4802, 185.7786

 6.9620, 5.7581,  
4.0159

242.6283,  
237.6218, 228.9572

 3.4845, 2.6985,  
1.6340

291.4984,

 1.4148, 0.9765,

286.7135, 278.3559

0.3149

346.5260,  
342.1399, 334.3931

■ 0.2668, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.2557, 54.5714,  
48.5372

■ 58.2557, 54.5714,  
48.5372

■ 52.3095, 46.0438,  
36.1813

■ 65.1777, 64.4221,  
63.1550

■ 47.2908, 38.7756,  
25.9710

■ 73.1124, 75.6410,  
80.1364

■ 43.1534, 32.7091,  
17.7844

■ 82.1000, 88.2806,  
99.5812

■ 39.8458, 27.7791,  
11.4862

■ 87.0889, 95.8959,  
108.5274

■ 37.3105, 23.9142,  
6.9245

■ 35.4830, 21.0347,  
3.9239

■ 34.2869, 19.0495,  
2.2712

■ 33.8272, 18.2526,  
1.7402

# Harmonies

## Analogous

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



59.5690, 54.5714, 58.1566



58.2557, 54.5714, 48.5372



55.2281, 54.5714, 42.4836

# Triad

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



58.2557, 54.5714, 48.5372



45.5577, 54.5714, 50.4871



52.3137, 54.5714, 83.0454

# Complementary

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



58.2557, 54.5714, 48.5372



59.1250, 68.3657, 86.4240

# 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.



48.6480, 54.5714, 80.3455



58.2557, 54.5714, 48.5372



44.8620, 54.5714, 60.6995

# Square

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



58.2557, 54.5714, 48.5372



47.9149, 54.5714, 43.5083



45.9661, 54.5714, 71.8165



56.0337, 54.5714, 78.8008



# Rectangle

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



58.2557, 54.5714, 48.5372



52.7118, 54.5714, 40.8384



45.9661, 54.5714, 71.8165



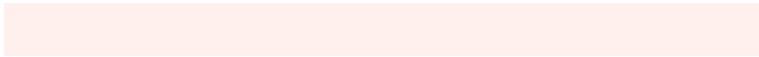
51.0342, 54.5714, 82.9218

# Sweetspot

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



58.2572, 54.5739, 48.5383



87.6203, 89.5277, 92.8982



62.3316, 53.6179, 77.9653



18.6237, 18.9781, 19.6038



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.



58.2572, 54.5739, 48.5383



68.3520, 62.1310, 52.1329



64.5261, 67.1117, 50.6280



14.5424, 14.6986, 14.9751



18.8338, 10.2417, 0.9842



1.4444, 0.8621, 0.0903

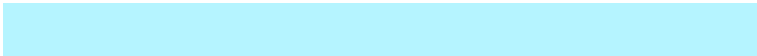


# Inverse Universe

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



59.1250, 68.3657, 86.4240



69.5979, 82.0101, 106.7691



52.3310, 54.7778, 84.1593



14.6226, 15.9667, 18.4555



19.4750, 26.0122, 46.3776



1.4875, 2.0189, 3.4432



# Previews

## White Background



This preview shows how the XYZ color 58.2557, 54.5714, 48.5372 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

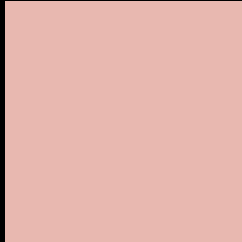
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.2557, 54.5714, 48.5372 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

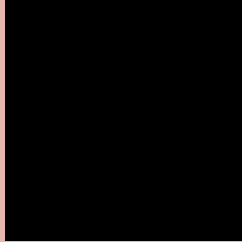
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 58.2557, 54.5714, 48.5372**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.2557, 54.5714, 48.5372.



This preview shows how white text looks on a background with the XYZ color 58.2557, 54.5714,

48.5372.

# 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

58.2557, 54.5714, 48.5372

### Protanopia

52.3157, 54.9642, 52.1078

### Deuteranopia

55.8453, 54.5912, 48.1512



## Tritanopia

60.3059, 54.4803, 58.9670

# Trichromacy



## Original Color

58.2557, 54.5714, 48.5372

## Protanomaly

54.3096, 54.7030, 50.8763

## Deuteranomaly

56.8722, 54.8045, 48.1383

## Tritanomaly

59.4093, 54.4104, 54.9480

# Monochromacy



## Original Color

58.2557, 54.5714, 48.5372

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

54.6133, 55.0750, 55.8962

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.2557, 54.5714, 48.5372 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(232, 184, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 184, 176)  
}
```

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(232, 184, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 184, 176) }
```

## Border

The CSS property to change the border of an element to XYZ 58.2557, 54.5714, 48.5372 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(232, 184, 176) }
```



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

```
.border{ border-color:rgb(232, 184, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 184, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 184, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 184, 176);  
box-shadow:4px 4px 4px 4px rgb(232, 184,  
176) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.2557, 54.5714, 48.5372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 184, 176) }
```

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

```
.background{ background-color: rgb(232,  
184, 176) }
```

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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