

# Converting Colors

XYZ(58.8572, 53.8506, 45.4483)

Have a look what the booklet for  
XYZ(58.8572, 53.8506, 45.4483)  
contains.

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# Color

**XYZ(58.8369, 53.7219,  
45.2985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEB4AA
RGB	238, 180, 170
RGB Percent	93%, 71%, 67%
CMY	0.0667, 0.2941, 0.3333
CMYK	0.00, 0.24, 0.29, 0.07
HSL	9°, 67%, 80%
HSV	9°, 29%, 93%
XYZ	58.8369, 53.7219, 45.2985
YIQ	196.2020, 37.7780, 9.1860

# Conversions

## Conversions Part 2

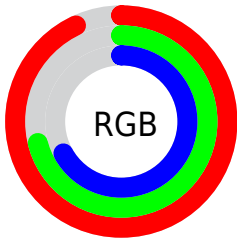
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 182, 170
Decimal	15643818
CIE Lab	78.30, 19.67, 13.28
CIE LCh	78, 23.730, 34.033
Yxy	53.7219, 0.3727, 0.3403
Android (android.graphics.Color)	4293833898 (0xFFEEB4AA)
YUV	196.2020, -12.9176, 36.6568
Hunter-Lab	73.2952, 15.0222, 14.6638

# Details

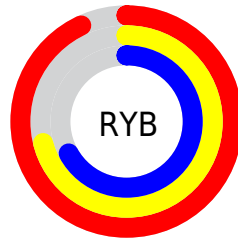
The XYZ color **58.8369, 53.7219, 45.2985** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.7529, 70.2039, 91.2908**, and the grayscale version is **52.6510, 55.3929, 60.3229**.

A 20% lighter version of the original color is **84.8261, 86.6871, 83.4956**, and **29.9154, 26.3105, 20.6413** is the 20% darker color. If you saturate the color by 10%, you get **52.9842, 45.2991, 33.2273**, and if you desaturate by 10%, it is **65.7002, 63.5130, 59.7185**.

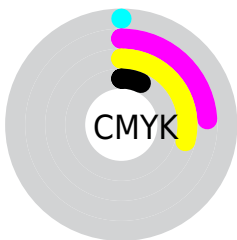
# Distribution



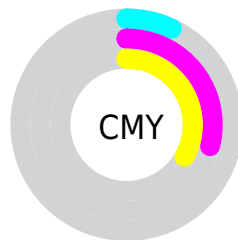
- Red (93%)
- Green (71%)
- Blue (67%)



- Red (93%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (7%)




- Cyan (7%)
- Magenta (29%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8369, 53.7219, 45.2985 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 58.8369, 53.7219, 45.2985 by changing the saturation by 10% instead.





 58.8369, 53.7219,  
45.2985

 58.8369, 53.7219,  
45.2985

410.2010,  
401.0486, 384.1765

 42.7277, 38.3794,  
31.3480


 102.2566, 95.6658,  
84.4914

 29.8651, 26.2773,  
20.6033


130.2977,  
123.0359, 110.5707

 19.8838, 17.0312,  
12.6459


163.0469,  
155.1841, 141.5301

 12.4184, 10.2567,  
7.0573

200.8696,  
192.4946, 177.7881

 7.1035, 5.5695,  
3.4190

244.1309,  
235.3520, 219.7632

 3.5738, 2.5851,  
1.3123

293.1964,

 1.4640, 0.9192,

284.1405, 267.8739

0.0719

348.4313,  
339.2446, 322.5388

■ 0.3011, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.8369, 53.7219,  
45.2985

■ 58.8369, 53.7219,  
45.2985

■ 52.9842, 45.2991,  
33.2273

■ 65.7002, 63.5130,  
59.7185

■ 48.0898, 38.1762,  
23.3771

■ 73.6145, 74.7217,  
76.5994

■ 44.1032, 32.2904,  
15.6128

■ 82.6234, 87.4042,  
96.0498

■ 40.9673, 27.5706,  
9.7834

■ 89.0701, 96.9172,  
108.6201

■ 38.6187, 23.9383,  
5.7172

■ 36.9842, 21.3051,  
3.2122

■ 35.9692, 19.5656,  
1.9784

■ 35.8616, 19.3802,  
1.8506

# Harmonies

## Analogous

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



60.5118, 53.7219, 56.7113



58.8369, 53.7219, 45.2985



55.0779, 53.7219, 38.3564

# Triad

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



58.8369, 53.7219, 45.2985



43.4353, 53.7219, 47.9806



51.6926, 53.7219, 87.9439

# Complementary

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



58.8369, 53.7219, 45.2985



59.7529, 70.2039, 91.2908

# 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.



47.2444, 53.7219, 84.6749



58.8369, 53.7219, 45.2985



42.6494, 53.7219, 60.3137

# Square

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



58.8369, 53.7219, 45.2985



46.2176, 53.7219, 39.7320



44.0024, 53.7219, 74.0314



56.2316, 53.7219, 82.3909



# Rectangle

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



58.8369, 53.7219, 45.2985



51.9965, 53.7219, 36.5390



44.0024, 53.7219, 74.0314



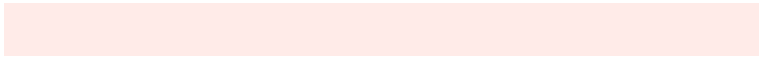
50.1369, 53.7219, 87.8450

# Sweetspot

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



58.8383, 53.7244, 45.2996



85.6432, 86.7502, 88.6118



63.7687, 52.5806, 80.8685



18.0268, 18.1381, 18.3143



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.



58.8383, 53.7244, 45.2996



64.8711, 57.1688, 44.8081



66.3271, 68.7020, 47.7959



15.9604, 16.1340, 16.4227



20.0637, 10.9254, 1.0513



1.7261, 1.0228, 0.1064



# Inverse Universe

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



59.7529, 70.2039, 91.2908



66.0873, 79.2275, 106.4170



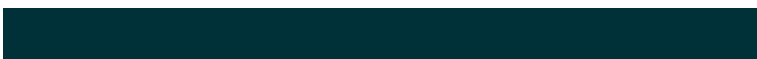
51.5109, 53.7201, 88.5435



16.0376, 17.5094, 20.2560



20.5972, 27.4186, 49.3346

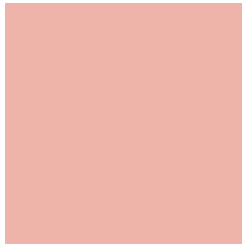


1.7669, 2.3879, 4.1220



# Previews

## White Background



This preview shows how the XYZ color 58.8369, 53.7219, 45.2985 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

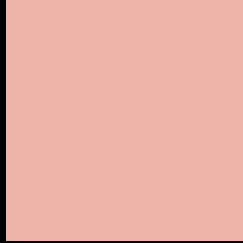
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.8369, 53.7219, 45.2985 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 58.8369, 53.7219, 45.2985**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.8369, 53.7219, 45.2985.



This preview shows how white text looks on a background with the XYZ color 58.8369, 53.7219,

45.2985.

# 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

58.8369, 53.7219, 45.2985

### Protanopia

51.0932, 53.7318, 49.2733

### Deuteranopia

55.0560, 53.9348, 45.0448



## Tritanopia

61.0613, 53.7311, 56.4431

# Trichromacy



## Original Color

58.8369, 53.7219, 45.2985

## Protanomaly

53.3548, 53.3186, 47.5238

## Deuteranomaly

56.2968, 53.6395, 44.9224

## Tritanomaly

60.0642, 53.6104, 51.9819

# Monochromacy



## Original Color

58.8369, 53.7219, 45.2985

## Achromatopsia

52.4687, 55.2011, 60.1140

## Achromatomaly

54.2471, 54.2637, 54.6285

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.8369, 53.7219, 45.2985 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(238, 180, 170)` looks like.

```
.text, #text, p{  
    color:rgb(238, 180, 170)  
}
```

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(238, 180, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 180, 170) }
```

## Border

The CSS property to change the border of an element to XYZ 58.8369, 53.7219, 45.2985 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(238, 180, 170) }
```



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

```
.border{ border-color:rgb(238, 180, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 180, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 180, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 180, 170);  
box-shadow:4px 4px 4px 4px rgb(238, 180,  
170) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.8369, 53.7219, 45.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 180, 170) }
```

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

```
.background{ background-color: rgb(238,  
180, 170) }
```

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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