

# Converting Colors

XYZ(54.9738, 48.7855, 44.3692)

Have a look what the booklet for  
XYZ(54.9738, 48.7855, 44.3692)  
contains.

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# Color

**XYZ(54.9091, 48.8075,  
44.5570)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8AAAA
RGB	232, 170, 170
RGB Percent	91%, 67%, 67%
CMY	0.0902, 0.3333, 0.3333
CMYK	0.00, 0.27, 0.27, 0.09
HSL	0°, 57%, 79%
HSV	0°, 27%, 91%
XYZ	54.9091, 48.8075, 44.5570
YIQ	188.5380, 36.9520, 13.1440

# Conversions

## Conversions Part 2

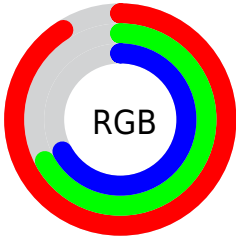
Format	Color
R <sub>Y</sub> B	232, 170, 170
Decimal	15248042
CIE Lab	75.33, 22.76, 8.98
CIE LCh	75, 24.466, 21.541
Yxy	48.8075, 0.3703, 0.3292
Android (android.graphics.Color)	4293438122 (0xFFE8AAAA)
YUV	188.5380, -9.1392, 38.1162
Hunter-Lab	69.8624, 18.0349, 11.0895

# Details

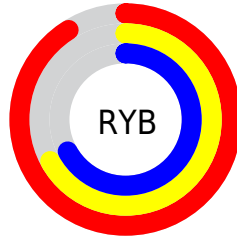
The XYZ color **54.9091, 48.8075, 44.5570** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.9988, 72.0833, 87.0953**, and the grayscale version is **48.1428, 50.6500, 55.1579**.

A 20% lighter version of the original color is **82.0270, 81.0890, 82.5626**, and **27.3105, 23.1445, 20.1675** is the 20% darker color. If you saturate the color by 10%, you get **48.9335, 40.0638, 32.6761**, and if you desaturate by 10%, it is **62.0420, 59.2453, 58.7354**.

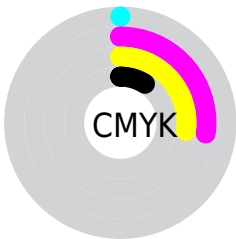
# Distribution



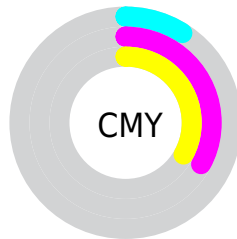
- Red (91%)
- Green (67%)
- Blue (67%)



- Red (91%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (9%)




- Cyan (9%)
- Magenta (33%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9091, 48.8075, 44.5570 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 54.9091, 48.8075, 44.5570 by changing the saturation by 10% instead.





 54.9091, 48.8075,  
44.5570


 54.9091, 48.8075,  
44.5570


395.7093,  
381.9840, 381.0841

 39.5625, 34.4668,  
30.7682

 96.5569, 88.4055,  
83.3666

 27.3803, 23.2524,  
20.1654

 123.5887,  
114.4316, 109.2246

 17.9971, 14.7800,  
12.3301


155.2464,  
145.1215, 139.9427

 11.0476, 8.6651,  
6.8436

191.8952,  
180.8598, 175.9394

 6.1664, 4.5234,  
3.2875

233.9006,  
222.0308, 217.6334

 2.9881, 1.9705,  
1.2433

281.6278,

 1.1475, 0.5902,

269.0189, 265.4432

0.0146

335.4423,  
322.2085, 319.7872

■ 0.0643, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.9091, 48.8075,  
44.5570

■ 54.9091, 48.8075,  
44.5570

■ 48.9335, 40.0638,  
32.6761

■ 62.0420, 59.2453,  
58.7354

■ 44.0505, 32.9185,  
22.9690

■ 70.3845, 71.4527,  
75.3202

■ 40.1952, 27.2771,  
15.3051

■ 79.9905, 85.5088,  
94.4168

■ 37.2942, 23.0320,  
9.5385

■ 87.0888, 95.8958,  
108.5274

■ 35.2645, 20.0618,  
5.5038

■ 34.0087, 18.2241,  
3.0078

■ 33.4031, 17.3379,  
1.8043

■ 33.2790, 17.1562,  
1.5575

# Harmonies

## Analogous

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



55.4818, 48.8075, 56.8706



54.9091, 48.8075, 44.5570



51.9800, 48.8075, 36.0105

# Triad

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



54.9091, 48.8075, 44.5570



39.9415, 48.8075, 39.1779



45.1294, 48.8075, 81.6023

# Complementary

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



54.9091, 48.8075, 44.5570



59.9988, 72.0833, 87.0953

# 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.



41.2160, 48.8075, 74.9954



54.9091, 48.8075, 44.5570



38.3501, 48.8075, 49.5821

# Square

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



54.9091, 48.8075, 44.5570



43.2862, 48.8075, 33.2721



38.8011, 48.8075, 62.7668



49.6388, 48.8075, 79.6735



# Rectangle

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



54.9091, 48.8075, 44.5570



49.1828, 48.8075, 32.9396



38.8011, 48.8075, 62.7668



43.7051, 48.8075, 80.2721

# Sweetspot

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



54.9104, 48.8098, 44.5580



85.7720, 86.4238, 90.4554



62.2193, 51.7320, 83.0501



18.0096, 17.9873, 18.6670



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.



54.9104, 48.8098, 44.5580



63.8431, 54.3357, 46.8613



61.4214, 61.8318, 46.7283



14.3771, 14.3682, 14.9200



18.4752, 9.5245, 0.8647



1.3653, 0.7039, 0.0639

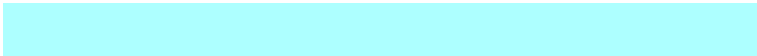


# Inverse Universe

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



59.9988, 72.0833, 87.0953



71.1303, 87.6662, 107.7800



52.0302, 56.1460, 84.4391



14.8074, 16.3362, 18.5171



24.1037, 35.2695, 47.9205



1.7812, 2.6063, 3.5412



# Previews

## White Background



This preview shows how the XYZ color 54.9091, 48.8075, 44.5570 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 54.9091, 48.8075, 44.5570 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

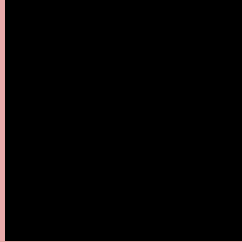
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 54.9091, 48.8075, 44.5570

## Background



This preview shows how black text looks on a background with the XYZ color 54.9091, 48.8075, 44.5570.



This preview shows how white text looks on a background with the XYZ color 54.9091, 48.8075,



# 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

54.9091, 48.8075, 44.5570

### Protanopia

46.8707, 48.9886, 49.1049

### Deuteranopia

49.7663, 48.7690, 43.8362



## Tritanopia

55.9474, 48.6651, 50.1606

# Trichromacy



## Original Color

54.9091, 48.8075, 44.5570

## Protanomaly

49.5127, 48.8595, 47.3787

## Deuteranomaly

51.6002, 48.8207, 44.2398

## Tritanomaly

55.7281, 48.8739, 48.0914

# Monochromacy



## Original Color

54.9091, 48.8075, 44.5570

## Achromatopsia

48.3692, 50.8881, 55.4172

## Achromatomaly

50.3483, 49.8124, 51.2171

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.9091, 48.8075, 44.5570 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, 170, 170)` looks like.

```
.text, #text, p{  
    color:rgb(232, 170, 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(232, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 170, 170) }
```

## Border

The CSS property to change the border of an element to XYZ 54.9091, 48.8075, 44.5570 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, 170, 170) }
```



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

```
.border{ border-color:rgb(232, 170, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 170, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 170, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 170, 170);  
box-shadow:4px 4px 4px 4px rgb(232, 170,  
170) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.9091, 48.8075, 44.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 170, 170) }
```

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

```
.background{ background-color: rgb(232,  
170, 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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