

# Converting Colors

XYZ(52.6808, 45.5036, 36.7558)

Have a look what the booklet for  
XYZ(52.6808, 45.5036, 36.7558)  
contains.

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# Color

**XYZ(52.5093, 45.3153,  
36.5510)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAA19A
RGB	234, 161, 154
RGB Percent	92%, 63%, 60%
CMY	0.0824, 0.3686, 0.3961
CMYK	0.00, 0.31, 0.34, 0.08
HSL	5°, 66%, 76%
HSV	5°, 34%, 92%
XYZ	52.5093, 45.3153, 36.5510
YIQ	182.0290, 45.7550, 13.2990

# Conversions

## Conversions Part 2

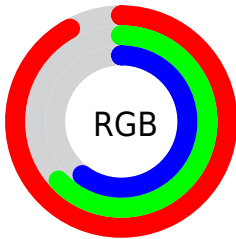
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 162, 154
Decimal	15376794
CIE Lab	73.10, 26.22, 14.62
CIE LCh	73, 30.023, 29.143
Yxy	45.3153, 0.3908, 0.3372
Android (android.graphics.Color)	4293566874 (0xFFEAA19A)
YUV	182.0290, -13.8183, 45.5786
Hunter-Lab	67.3166, 21.4320, 14.9289

# Details

The XYZ color **52.5093, 45.3153, 36.5510** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.6457, 67.7461, 87.9854**, and the grayscale version is **44.5357, 46.8551, 51.0251**.

A 20% lighter version of the original color is **77.1810, 74.9258, 70.0688**, and **25.8213, 21.1467, 15.5527** is the 20% darker color. If you saturate the color by 10%, you get **47.3292, 37.7759, 26.1282**, and if you desaturate by 10%, it is **58.7088, 54.2852, 49.1887**.

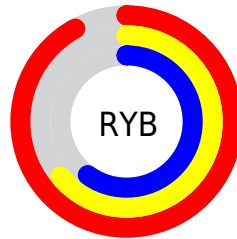
# Distribution



Red (92%)

Green (63%)

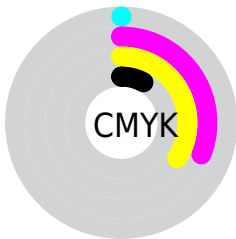
Blue (60%)



Red (92%)

Yellow (64%)

Blue (60%)

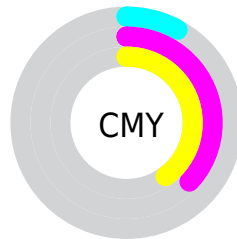


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (8%)



Cyan (8%)

Magenta (37%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5093, 45.3153, 36.5510 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 52.5093, 45.3153, 36.5510 by changing the saturation by 10% instead.





 52.5093, 45.3153,  
36.5510

 52.5093, 45.3153,  
36.5510


386.6914,  
368.0490, 346.4725

 37.6371, 31.7058,  
24.5670

 93.0517, 83.1934,  
71.0603

 25.8771, 21.1369,  
15.5387


 119.4526,  
108.2307, 94.4226

 16.8639, 13.2241,  
9.0475


150.4271,  
137.8462, 122.4148

 10.2322, 7.5831,  
4.6749

186.3406,  
172.4242, 155.4554

 5.6166, 3.8293,  
2.0024

227.5584,  
212.3491, 193.9629

 2.6518, 1.5786,  
0.5568

274.4459,

 0.9724, 0.3431,

258.0053, 238.3559

0.0000

327.3685,  
309.7771, 289.0529

0.0000, 0.0000,  
0.0000

52.5093, 45.3153,  
36.5510

52.5093, 45.3153,  
36.5510

47.3292, 37.7759,  
26.1282

58.7088, 54.2852,  
49.1887

43.1105, 31.5868,  
17.7902

65.9745, 64.7473,  
64.1560

39.7945, 26.6702,  
11.3972

74.3548, 76.7676,  
81.5629

37.3151, 22.9372,  
6.7914

83.8938, 90.4064,  
101.5114

35.5965, 20.2878,  
3.7901

87.7417, 96.2324,  
108.5580

■ 34.5494, 18.6053,  
2.1716

■ 34.1906, 18.0102,  
1.6743

# Harmonies

## Analogous

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



53.9808, 45.3153, 49.7747



52.5093, 45.3153, 36.5510



48.4622, 45.3153, 28.4402

# Triad

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



52.5093, 45.3153, 36.5510



34.9685, 45.3153, 35.9407



42.9199, 45.3153, 84.2868

# Complementary

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



52.5093, 45.3153, 36.5510



55.6457, 67.7461, 87.9854

# 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.



38.0949, 45.3153, 78.5739



52.5093, 45.3153, 36.5510



33.7398, 45.3153, 48.9091

# Square

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



52.5093, 45.3153, 36.5510



38.3366, 45.3153, 28.1415



34.8371, 45.3153, 64.8119



48.1796, 45.3153, 79.1656



# Rectangle

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



52.5093, 45.3153, 36.5510



45.0017, 45.3153, 26.0340



34.8371, 45.3153, 64.8119



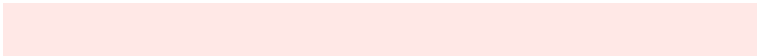
41.1960, 45.3153, 83.5536

# Sweetspot

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



52.5105, 45.3175, 36.5519



84.2343, 84.5081, 86.3674



59.3987, 46.1685, 78.6954



17.7284, 17.6559, 17.8612



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.



52.5105, 45.3175, 36.5519



59.2837, 48.4814, 35.2778



60.5737, 61.4439, 39.2396



15.1715, 15.2660, 15.6657



19.2509, 10.1961, 0.9534



1.5482, 0.8737, 0.0870



# Inverse Universe

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



55.6457, 67.7461, 87.9854



63.6193, 79.5642, 106.6121



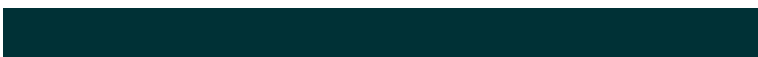
46.0192, 48.4932, 84.7766



15.3983, 16.8831, 19.3694



21.8362, 30.3195, 48.4443



1.7478, 2.4471, 3.8151



# Previews

## White Background



This preview shows how the XYZ color 52.5093, 45.3153, 36.5510 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

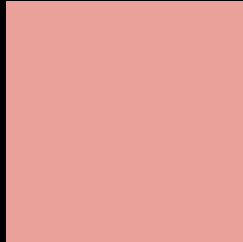
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 52.5093, 45.3153, 36.5510 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 52.5093, 45.3153, 36.5510

## Background



This preview shows how black text looks on a background with the XYZ color 52.5093, 45.3153, 36.5510.



This preview shows how white text looks on a background with the XYZ color 52.5093, 45.3153,



# 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

52.5093, 45.3153, 36.5510

### Protanopia

43.2245, 45.4493, 41.1448

### Deuteranopia

46.3432, 45.4195, 36.0301



## Tritanopia

54.3409, 45.5694, 44.4598

# Trichromacy



## Original Color

52.5093, 45.3153, 36.5510

## Protanomaly

45.9995, 44.8805, 39.4961

## Deuteranomaly

48.5530, 45.4276, 36.3464

## Tritanomaly

53.6233, 45.5204, 41.5574

# Monochromacy



## Original Color

52.5093, 45.3153, 36.5510

## Achromatopsia

44.4628, 46.7784, 50.9417

## Achromatomaly

46.6698, 45.6682, 45.3848

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.5093, 45.3153, 36.5510 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(234, 161, 154)` looks like.

```
.text, #text, p{  
    color:rgb(234, 161, 154)  
}
```

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(234, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 161, 154) }
```

## Border

The CSS property to change the border of an element to XYZ 52.5093, 45.3153, 36.5510 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(234, 161, 154) }
```



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

```
.border{ border-color:rgb(234, 161, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 161, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 161, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 161, 154);  
box-shadow:4px 4px 4px 4px rgb(234, 161,  
154) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.5093, 45.3153, 36.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 161, 154) }
```

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

```
.background{ background-color: rgb(234,  
161, 154) }
```

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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