

Converting Colors

XYZ(52.7714, 46.7039, 35.7580)

Have a look what the booklet for
XYZ(52.7714, 46.7039, 35.7580)
contains.

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Color

**XYZ(52.9080, 46.8631,
35.9627)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A698
RGB	233, 166, 152
RGB Percent	91%, 65%, 60%
CMY	0.0863, 0.3490, 0.4039
CMYK	0.00, 0.29, 0.35, 0.09
HSL	10°, 65%, 75%
HSV	10°, 35%, 91%
XYZ	52.9080, 46.8631, 35.9627
YIQ	184.4370, 44.4260, 9.8500

Conversions

Conversions Part 2

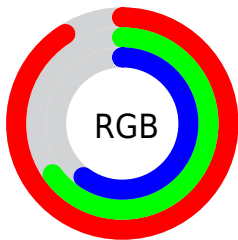
Format	Color
R _Y B	233, 169, 152
Decimal	15312536
CIE Lab	74.10, 22.93, 17.10
CIE LCh	74, 28.607, 36.709
Yxy	46.8631, 0.3898, 0.3453
Android (android.graphics.Color)	4293502616 (0xFFE9A698)
YUV	184.4370, -15.9914, 42.5898
Hunter-Lab	68.4566, 18.1580, 16.7725

Details

The XYZ color **52.9080, 46.8631, 35.9627** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.9874, 63.2193, 86.5007**, and the grayscale version is **45.8713, 48.2602, 52.5553**.

A 20% lighter version of the original color is **78.2370, 77.4291, 69.2143**, and **26.2708, 22.2043, 15.2132** is the 20% darker color. If you saturate the color by 10%, you get **47.9394, 39.6857, 25.7984**, and if you desaturate by 10%, it is **58.7789, 55.2448, 48.2781**.

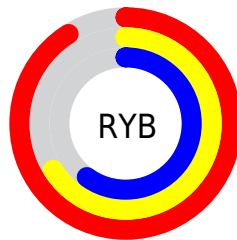
Distribution



Red (91%)

Green (65%)

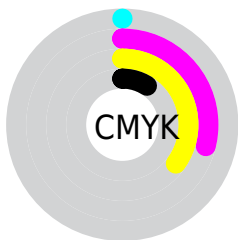
Blue (60%)



Red (91%)

Yellow (66%)

Blue (60%)

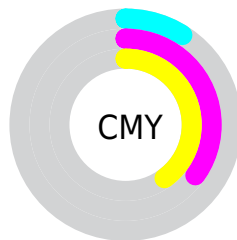


Cyan (0%)

Magenta (29%)

Yellow (35%)

Black (9%)



Cyan (9%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9080, 46.8631, 35.9627 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 52.9080, 46.8631, 35.9627 by changing the saturation by 10% instead.


 52.9080, 46.8631,
35.9627


 52.9080, 46.8631,
35.9627


388.1987,
374.2678, 343.8300

 37.9565, 32.9274,
24.1159


 93.6353, 85.5092,
70.1429

 26.1260, 22.0709,
15.2066

 120.1418,
110.9885, 93.3134

 17.0511, 13.9090,
8.8163


151.2308,
141.0844, 121.0955

 10.3665, 8.0574,
4.5264

187.2674,
176.1814, 153.9079

 5.7067, 4.1317,
1.9183

228.6172,
216.6639, 192.1689

 2.7065, 1.7475,
0.5044

275.6454,

 1.0005, 0.4541,

262.9161, 236.2973

0.0000

328.7175,
315.3227, 286.7114

■ 0.0000, 0.0000,
0.0000

■ 52.9080, 46.8631,
35.9627

■ 52.9080, 46.8631,
35.9627

■ 47.9394, 39.6857,
25.7984

■ 58.7789, 55.2448,
48.2781

■ 43.8241, 33.6505,
17.6584

■ 65.5904, 64.8758,
62.8558

■ 40.5140, 28.7000,
11.4072

■ 73.3833, 75.8071,
79.8025

■ 37.9543, 24.7689,
6.8912

■ 82.1945, 88.0846,
99.2174

■ 36.0834, 21.7845,
3.9324

■ 87.4143, 96.0636,
108.5427

■ 34.8287, 19.6643,
2.3142

■ 34.3728, 18.8606,
1.8288

Harmonies

Analogous

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



55.0500, 46.8631, 47.8033



52.9080, 46.8631, 35.9627



48.5484, 46.8631, 29.2665

Triad

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



52.9080, 46.8631, 35.9627



36.0991, 46.8631, 40.6716



45.7017, 46.8631, 84.4545

Complementary

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



52.9080, 46.8631, 35.9627



52.9874, 63.2193, 86.5007

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.



40.7623, 46.8631, 81.5442



52.9080, 46.8631, 35.9627



35.4642, 46.8631, 54.3903

Square

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



52.9080, 46.8631, 35.9627



38.9137, 46.8631, 31.5991



37.1079, 46.8631, 69.7987



50.6883, 46.8631, 77.1253

Rectangle

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



52.9080, 46.8631, 35.9627



45.1095, 46.8631, 27.7401



37.1079, 46.8631, 69.7987



43.9792, 46.8631, 84.6596

Sweetspot

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



52.9092, 46.8653, 35.9636



84.8497, 85.7389, 86.5725



57.6849, 44.9214, 72.9940



17.8760, 17.9511, 17.9104



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.



52.9092, 46.8653, 35.9636



60.2897, 50.8195, 34.6070



61.3433, 63.7335, 38.7750



15.2760, 15.4750, 15.7006



19.5657, 10.8257, 1.0583



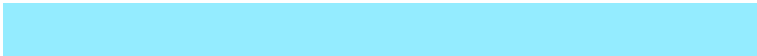
1.5978, 0.9729, 0.1036

Inverse Universe

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



52.9874, 63.2193, 86.5007



60.3792, 73.7756, 105.6655



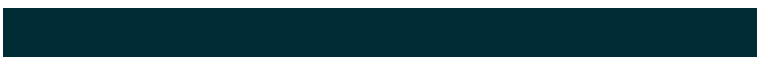
43.7774, 44.7993, 83.4306



15.2832, 16.6529, 19.3311



19.2115, 25.0701, 47.5694



1.5669, 2.0853, 3.7548

Previews

White Background



This preview shows how the XYZ color 52.9080, 46.8631, 35.9627 looks on a white background.

Color Contrast Check

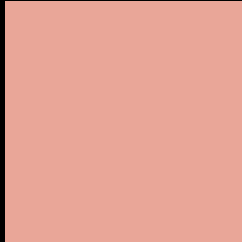
Large Text (above 18pt) WCAG AA × Fail

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 52.9080, 46.8631, 35.9627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

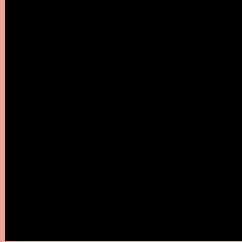
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9080, 46.8631, 35.9627

Background



This preview shows how black text looks on a background with the XYZ color 52.9080, 46.8631, 35.9627.



This preview shows how white text looks on a background with the XYZ color 52.9080, 46.8631,

35.9627.

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

52.9080, 46.8631, 35.9627

Protanopia

44.5590, 47.0703, 39.9947

Deuteranopia

47.6990, 46.7108, 35.3562



Tritanopia

55.0960, 46.9517, 46.7161

Trichromacy



Original Color

52.9080, 46.8631, 35.9627

Protanomaly

47.0647, 46.6068, 38.4137

Deuteranomaly

49.5519, 46.7995, 35.6997

Tritanomaly

54.1822, 46.8334, 42.7432

Monochromacy



Original Color

52.9080, 46.8631, 35.9627

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.5257, 46.9794, 45.5928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9080, 46.8631, 35.9627 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(233, 166, 152)` looks like.

```
.text, #text, p{  
    color:rgb(233, 166, 152)  
}
```

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(233, 166, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 166, 152) }
```

Border

The CSS property to change the border of an element to XYZ 52.9080, 46.8631, 35.9627 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(233, 166, 152) }
```


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

```
.border{ border-color:rgb(233, 166, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 166, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 166, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 166, 152);  
box-shadow:4px 4px 4px 4px rgb(233, 166,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9080, 46.8631, 35.9627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 166, 152) }
```

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

```
.background{ background-color: rgb(233,  
166, 152) }
```

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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