

Converting Colors

XYZ(54.4700, 49.7754, 41.8587)

Have a look what the booklet for
XYZ(54.4700, 49.7754, 41.8587)
contains.

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Color

**XYZ(54.4700, 49.7754,
41.8587)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E6AEA4 |
| RGB | 230, 174, 164 |
| RGB Percent | 90%, 68%, 64% |
| CMY | 0.0980, 0.3176, 0.3569 |
| CMYK | 0.00, 0.24, 0.29, 0.10 |
| HSL | 9°, 57%, 77% |
| HSV | 9°, 29%, 90% |
| XYZ | 54.4700, 49.7754, 41.8587 |
| YIQ | 189.6040, 36.5860, 8.7620 |

Conversions

Conversions Part 2

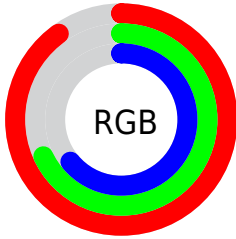
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 230, 176, 164 |
| Decimal | 15117988 |
| CIE Lab | 75.93, 19.06, 13.08 |
| CIE LCh | 76, 23.114, 34.456 |
| Yxy | 49.7754, 0.3728, 0.3407 |
| Android (android.graphics.Color) | 4293308068 (0xFFE6AEA4) |
| YUV | 189.6040, -12.6228, 35.4273 |
| Hunter-Lab | 70.5517, 14.3469, 14.2091 |

Details

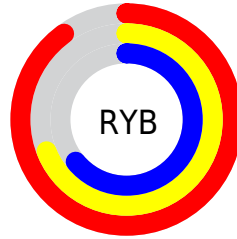
The XYZ color **54.4700, 49.7754, 41.8587** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.1852, 64.7901, 84.4603**, and the grayscale version is **48.7724, 51.3124, 55.8792**.

A 20% lighter version of the original color is **82.3230, 82.9681, 78.6934**, and **26.9956, 23.7288, 18.4865** is the 20% darker color. If you saturate the color by 10%, you get **49.0780, 42.0201, 30.7238**, and if you desaturate by 10%, it is **60.7880, 58.7809, 55.1565**.

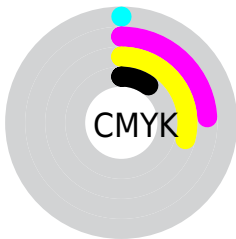
Distribution



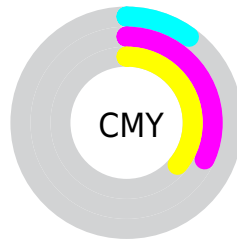
- Red (90%)
- Green (68%)
- Blue (64%)



- Red (90%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (10%)





- Cyan (10%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4700, 49.7754, 41.8587 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 54.4700, 49.7754, 41.8587 by changing the saturation by 10% instead.


 54.4700, 49.7754,
41.8587


 54.4700, 49.7754,
41.8587


394.0689,
385.7870, 369.6792

 39.2097, 35.2350,
28.6659

 95.9168, 89.8420,
79.2535

 27.1044, 23.8439,
18.5848


 122.8341,
116.1370, 104.2926

 17.7886, 15.2179,
11.1969


154.3677,
147.1189, 134.1176

 10.8971, 8.9724,
6.0836

190.8831,
183.1722, 169.1470

 6.0645, 4.7232,
2.8264

232.7455,
224.6813, 209.7993

 2.9253, 2.0858,
1.0067

280.3204,

 1.1144, 0.6566,

272.0305, 256.4931

0.0000

333.9731,
325.6043, 309.6469

■ 0.0371, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4700, 49.7754,
41.8587

■ 54.4700, 49.7754,
41.8587

■ 49.0780, 42.0201,
30.7238

■ 60.7880, 58.7809,
55.1565

■ 44.5643, 35.4530,
21.6343

■ 68.0688, 69.0813,
70.7201

■ 40.8827, 30.0171,
14.4659

■ 76.3521, 80.7277,
88.6497

■ 37.9814, 25.6478,
9.0798

■ 85.5125, 93.7016,
108.1870

■ 35.8023, 22.2742,
5.3182

■ 86.4432, 95.5630,
108.4972

■ 34.2791, 19.8164,
2.9956

■ 33.3241, 18.1784,
1.8386

■ 33.2303, 18.0171,
1.7262

Harmonies

Analogous

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



56.0531, 49.7754, 52.3755



54.4700, 49.7754, 41.8587



50.9704, 49.7754, 35.4957

Triad

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



54.4700, 49.7754, 41.8587



40.2266, 49.7754, 44.6026



47.9562, 49.7754, 81.4385

Complementary

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



54.4700, 49.7754, 41.8587



55.1852, 64.7901, 84.4603

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.



43.8292, 49.7754, 78.5276



54.4700, 49.7754, 41.8587



39.5269, 49.7754, 56.0601

Square

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



54.4700, 49.7754, 41.8587



42.7789, 49.7754, 36.9032



40.8067, 49.7754, 68.7487



52.1503, 49.7754, 76.1922

Rectangle

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



54.4700, 49.7754, 41.8587



48.1143, 49.7754, 33.8574



40.8067, 49.7754, 68.7487



46.5147, 49.7754, 81.3870

Sweetspot

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



54.4713, 49.7777, 41.8597



85.6726, 86.8090, 88.6216



58.8405, 48.5471, 74.0492



18.0340, 18.1525, 18.3166



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.



54.4713, 49.7777, 41.8597



64.9498, 57.3263, 44.8343



61.6229, 64.0809, 44.2436



14.5525, 14.7188, 14.9785



18.8683, 10.3107, 0.9957



1.4492, 0.8716, 0.0919

Inverse Universe

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



55.1852, 64.7901, 84.4603



65.9722, 78.9974, 106.3787



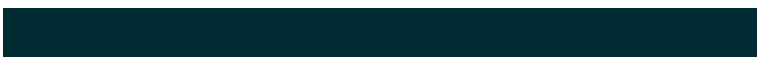
47.3848, 49.1893, 81.8601



14.6116, 15.9445, 18.4518



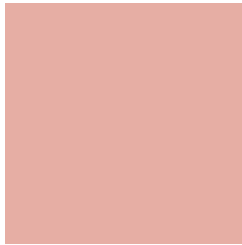
19.2241, 25.5103, 46.2939



1.4712, 1.9864, 3.4378

Previews

White Background



This preview shows how the XYZ color 54.4700, 49.7754, 41.8587 looks on a white background.

Color Contrast Check

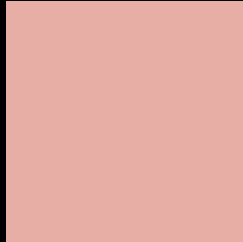
Large Text (above 18pt) WCAG AA × Fail

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 54.4700, 49.7754, 41.8587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

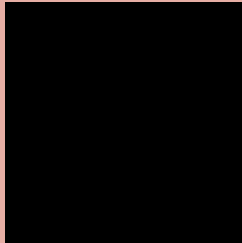
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4700, 49.7754, 41.8587

Background



This preview shows how black text looks on a background with the XYZ color 54.4700, 49.7754, 41.8587.



This preview shows how white text looks on a background with the XYZ color 54.4700, 49.7754,

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

54.4700, 49.7754, 41.8587

Protanopia

47.6267, 50.0830, 45.6849

Deuteranopia

50.8663, 49.9882, 41.6181



Tritanopia

56.4934, 49.7423, 51.9711

Trichromacy



Original Color

54.4700, 49.7754, 41.8587

Protanomaly

49.8083, 49.6929, 44.0123

Deuteranomaly

52.0465, 49.7008, 41.5004

Tritanomaly

55.6433, 49.6683, 48.2492

Monochromacy



Original Color

54.4700, 49.7754, 41.8587

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.6578, 50.5963, 50.8122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4700, 49.7754, 41.8587 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(230, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(230, 174, 164)  
}
```

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(230, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 174, 164) }
```

Border

The CSS property to change the border of an element to XYZ 54.4700, 49.7754, 41.8587 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(230, 174, 164) }
```


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

```
.border{ border-color:rgb(230, 174, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(230, 174,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4700, 49.7754, 41.8587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 174, 164) }
```

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

```
.background{ background-color: rgb(230,  
174, 164) }
```

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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