

Converting Colors

XYZ(54.1244, 49.4781, 46.7917)

Have a look what the booklet for
XYZ(54.1244, 49.4781, 46.7917)
contains.

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Color

**XYZ(54.1401, 49.4968,
46.7448)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AEAE
RGB	226, 174, 174
RGB Percent	89%, 68%, 68%
CMY	0.1137, 0.3176, 0.3176
CMYK	0.00, 0.23, 0.23, 0.11
HSL	0°, 47%, 78%
HSV	0°, 23%, 89%
XYZ	54.1401, 49.4968, 46.7448
YIQ	189.5480, 30.9920, 11.0240

Conversions

Conversions Part 2

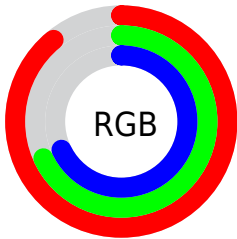
Format	Color
R _Y B	226, 174, 174
Decimal	14855854
CIE _{Lab}	75.76, 18.96, 7.33
CIE _{LCh}	76, 20.327, 21.136
Yxy	49.4968, 0.3600, 0.3291
Android (android.graphics.Color)	4293045934 (0xFFE2AEAE)
YUV	189.5480, -7.6652, 31.9684
Hunter-Lab	70.3540, 14.2432, 9.8541

Details

The XYZ color **54.1401, 49.4968, 46.7448** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.3789, 68.8808, 82.1704**, and the grayscale version is **48.7150, 51.2519, 55.8134**.

A 20% lighter version of the original color is **83.6797, 83.5108, 85.8375**, and **26.9278, 23.6259, 21.5534** is the 20% darker color. If you saturate the color by 10%, you get **48.1150, 40.6808, 34.7656**, and if you desaturate by 10%, it is **61.2730, 59.9346, 60.9233**.

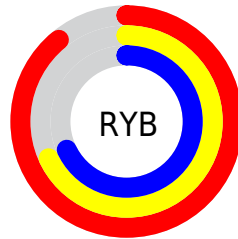
Distribution



Red (89%)

Green (68%)

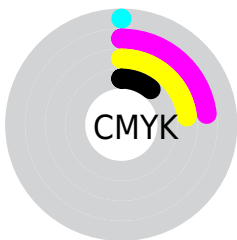
Blue (68%)



Red (89%)

Yellow (68%)

Blue (68%)

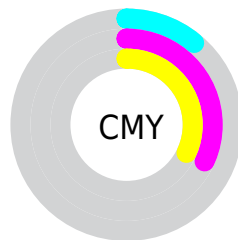


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (11%)



Cyan (11%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1401, 49.4968, 46.7448 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 54.1401, 49.4968, 46.7448 by changing the saturation by 10% instead.

■ 54.1401, 49.4968,
46.7448

■ 54.1401, 49.4968,
46.7448

392.8337,
384.6948, 390.1592

■ 38.9448, 35.0137,
32.4811

■ 95.4356, 89.4289,
86.6786

■ 26.8973, 23.6735,
21.4613

122.2665,
115.6467, 113.1856

■ 17.6323, 15.0916,
13.2671

153.7067,
146.5448, 144.6109

■ 10.7844, 8.8837,
7.4799

190.1215,
182.5077, 181.3729

■ 5.9883, 4.6654,
3.6810

231.8762,
223.9198, 223.8902

■ 2.8785, 2.0523,
1.4520

279.3362,

■ 1.0899, 0.6376,

271.1654, 272.5814

0.1818

332.8669,
324.6290, 327.8648

■ 0.0166, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1401, 49.4968,
46.7448

■ 54.1401, 49.4968,
46.7448

■ 48.1150, 40.6808,
34.7656

■ 61.2730, 59.9346,
60.9233

■ 43.1386, 33.3987,
24.8726

■ 69.5612, 72.0625,
77.4002

■ 39.1520, 27.5651,
16.9477

■ 79.0542, 85.9532,
96.2723

■ 36.0892, 23.0833,
10.8592

■ 85.1742, 94.9089,
108.4378

■ 33.8761, 19.8447,
6.4600

■ 32.4271, 17.7243,
3.5799

■ 31.6389, 16.5709,
2.0134

■ 31.3644, 16.1692,
1.4679

Harmonies

Analogous

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



54.5820, 49.4968, 57.1582



54.1401, 49.4968, 46.7448



51.7448, 49.4968, 39.2831

Triad

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



54.1401, 49.4968, 46.7448



41.6205, 49.4968, 41.8817



45.9364, 49.4968, 77.1344

Complementary

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



54.1401, 49.4968, 46.7448



58.3789, 68.8808, 82.1704

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.



42.6391, 49.4968, 71.7404



54.1401, 49.4968, 46.7448



40.2363, 49.4968, 50.7557

Square

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



54.1401, 49.4968, 46.7448



44.4779, 49.4968, 36.7472



40.5990, 49.4968, 61.7364



49.7094, 49.4968, 75.6839

Rectangle

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



54.1401, 49.4968, 46.7448



49.4296, 49.4968, 36.5294



40.5990, 49.4968, 61.7364



44.7388, 49.4968, 76.0378

Sweetspot

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



54.1414, 49.4991, 46.7458



86.8760, 88.0393, 92.6501



60.2281, 51.9325, 78.8016



18.4520, 18.6347, 19.5466



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.



54.1414, 49.4991, 46.7458



66.9085, 58.8212, 52.9550



59.6589, 60.5339, 48.5850



13.7074, 13.7007, 14.2288



17.8933, 9.2246, 0.8374



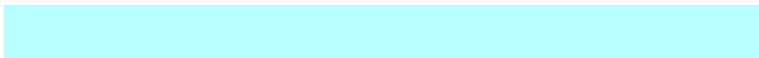
1.2403, 0.6395, 0.0581

Inverse Universe

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



58.3789, 68.8808, 82.1704



73.4797, 88.8775, 107.8900



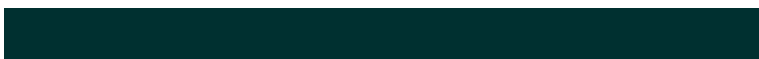
51.8379, 55.7989, 79.9901



14.1165, 15.5722, 17.6494



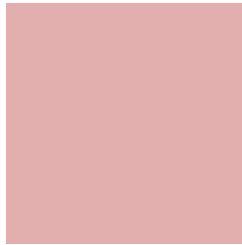
23.3444, 34.1584, 46.4112



1.6181, 2.3677, 3.2170

Previews

White Background



This preview shows how the XYZ color 54.1401, 49.4968, 46.7448 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 54.1401, 49.4968, 46.7448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

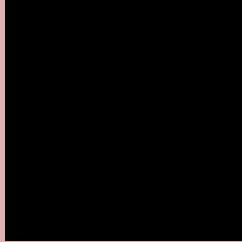
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1401, 49.4968, 46.7448

Background



This preview shows how black text looks on a background with the XYZ color 54.1401, 49.4968, 46.7448.



This preview shows how white text looks on a background with the XYZ color 54.1401, 49.4968,

46.7448.

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

54.1401, 49.4968, 46.7448

Protanopia

47.6376, 49.6605, 50.7907

Deuteranopia

50.4424, 49.3613, 46.4042



Tritanopia

55.2940, 49.3811, 53.0716

Trichromacy



Original Color

54.1401, 49.4968, 46.7448

Protanomaly

49.6657, 49.5076, 49.0577

Deuteranomaly

51.7821, 49.4568, 46.3521

Tritanomaly

55.0656, 49.5954, 50.9266

Monochromacy



Original Color

54.1401, 49.4968, 46.7448

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.4208, 50.4382, 52.4255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1401, 49.4968, 46.7448 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(226, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(226, 174, 174)  
}
```

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(226, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 174, 174) }
```

Border

The CSS property to change the border of an element to XYZ 54.1401, 49.4968, 46.7448 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(226, 174, 174) }
```


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

```
.border{ border-color:rgb(226, 174, 174) }
```

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

Here you see how a box with a 4 pixel rgb(226, 174, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(226, 174,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1401, 49.4968, 46.7448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 174, 174) }
```

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

```
.background{ background-color: rgb(226,  
174, 174) }
```

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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