

Converting Colors

XYZ(54.5859, 47.3519, 49.1963)

Have a look what the booklet for
XYZ(54.5859, 47.3519, 49.1963)
contains.

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Color

**XYZ(54.8294, 47.5566,
49.4695)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A6B4
RGB	231, 166, 180
RGB Percent	91%, 65%, 71%
CMY	0.0941, 0.3490, 0.2941
CMYK	0.00, 0.28, 0.22, 0.09
HSL	347°, 58%, 78%
HSV	347°, 28%, 91%
XYZ	54.8294, 47.5566, 49.4695
YIQ	187.0310, 34.2460, 18.1340

Conversions

Conversions Part 2

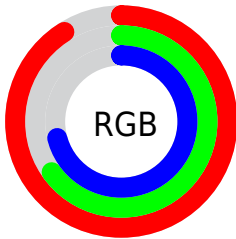
Format	Color
R _Y B	231, 166, 180
Decimal	15181492
CIE Lab	74.54, 25.95, 2.36
CIE LCh	75, 26.055, 5.193
Yxy	47.5566, 0.3611, 0.3132
Android (android.graphics.Color)	4293371572 (0xFFE7A6B4)
YUV	187.0310, -3.4663, 38.5608
Hunter-Lab	68.9613, 21.2386, 5.7411

Details

The XYZ color **54.8294, 47.5566, 49.4695** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.8281, 70.2697, 76.2173**, and the grayscale version is **47.2581, 49.7192, 54.1442**.

A 20% lighter version of the original color is **82.2368, 79.0290, 90.2767**, and **27.1915, 22.3412, 22.9578** is the 20% darker color. If you saturate the color by 10%, you get **49.2739, 39.2098, 39.0955**, and if you desaturate by 10%, it is **61.3832, 57.5127, 61.3687**.

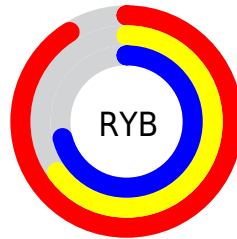
Distribution



Red (91%)

Green (65%)

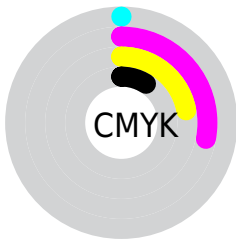
Blue (71%)



Red (91%)

Yellow (65%)

Blue (71%)

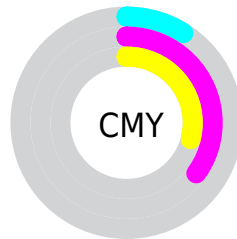


Cyan (0%)

Magenta (28%)

Yellow (22%)

Black (9%)



Cyan (9%)


Magenta (35%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8294, 47.5566, 49.4695 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 54.8294, 47.5566, 49.4695 by changing the saturation by 10% instead.


 54.8294, 47.5566,
49.4695


 54.8294, 47.5566,
49.4695


395.4119,
377.0319, 401.2632

 39.4985, 33.4759,
34.6238


 96.4407, 86.5439,
90.7766

 27.3302, 22.4913,
23.0920

 123.4518,
112.2192, 118.0750

 17.9592, 14.2183,
14.4555

155.0870,
142.5282, 150.3615

 11.0202, 8.2727,
8.2958

191.7117,
177.8552, 188.0546

 6.1478, 4.2699,
4.1943

233.6911,
218.5847, 231.5727

 2.9767, 1.8257,
1.7326

281.3907,

 1.1414, 0.5031,

265.1011, 281.3345

0.3829

335.1759,
317.7887, 337.7585

■ 0.0594, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8294, 47.5566,
49.4695

■ 54.8294, 47.5566,
49.4695

■ 49.2739, 39.2098,
39.0955

■ 61.3832, 57.5127,
61.3687

■ 44.6632, 32.3812,
30.1814

■ 68.9775, 69.1498,
74.8490

■ 40.9443, 26.9807,
22.6613

■ 77.6569, 82.5432,
89.9669

■ 38.0578, 22.9061,
16.4630

■ 86.3659, 95.5693,
106.4100

■ 35.9363, 20.0412,
11.5075

■ 86.7652, 95.7290,
108.5123

■ 34.5017, 18.2497,
7.7068

■ 33.6473, 17.3406,
4.9563

■ 33.5253, 17.2171,
4.5447

Harmonies

Analogous

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



53.9266, 47.5566, 63.4381



54.8294, 47.5566, 49.4695



53.0101, 47.5566, 38.2299

Triad

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



54.8294, 47.5566, 49.4695



40.1818, 47.5566, 33.3521



41.5084, 47.5566, 79.0607

Complementary

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



54.8294, 47.5566, 49.4695



56.8281, 70.2697, 76.2173

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.



38.1994, 47.5566, 68.2068



54.8294, 47.5566, 49.4695



37.4716, 47.5566, 41.6474

Square

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



54.8294, 47.5566, 49.4695



44.3866, 47.5566, 30.0149



36.7716, 47.5566, 54.1635



46.0255, 47.5566, 82.1304

Rectangle

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



54.8294, 47.5566, 49.4695



50.5679, 47.5566, 33.2772



36.7716, 47.5566, 54.1635



40.2282, 47.5566, 76.1193

Sweetspot

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



54.8307, 47.5588, 49.4705



86.4129, 86.6794, 93.8321



56.6521, 47.7832, 81.8389



18.1694, 18.0511, 19.5093



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.



54.8307, 47.5588, 49.4705



64.2644, 52.9627, 53.8322



57.0666, 54.1985, 43.5327



14.5034, 14.4185, 15.5851



18.8320, 9.6670, 2.7442



1.4255, 0.7279, 0.3814

Inverse Universe

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



54.8307, 47.5588, 49.4705



64.2644, 52.9627, 53.8322



53.8410, 61.2573, 84.5878



14.5034, 14.4185, 15.5851



18.8320, 9.6670, 2.7442



1.4255, 0.7279, 0.3814

Previews

White Background



This preview shows how the XYZ color 54.8294, 47.5566, 49.4695 looks on a white background.

Color Contrast Check

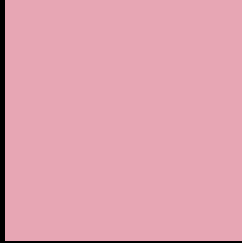
Large Text (above 18pt) WCAG AA × Fail

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 54.8294, 47.5566, 49.4695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

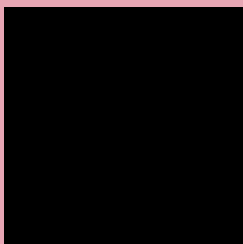
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8294, 47.5566, 49.4695

Background



This preview shows how black text looks on a background with the XYZ color 54.8294, 47.5566, 49.4695.



This preview shows how white text looks on a background with the XYZ color 54.8294, 47.5566,

49.4695.

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

54.8294, 47.5566, 49.4695

Protanopia

46.2353, 47.8990, 55.5238

Deuteranopia

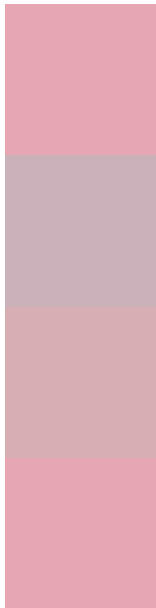
48.8581, 47.8925, 48.7886



Tritanopia

54.7279, 47.5160, 48.9349

Trichromacy



Original Color

54.8294, 47.5566, 49.4695

Protanomaly

48.9422, 47.5460, 53.0521

Deuteranomaly

51.0043, 47.8229, 49.1904

Tritanomaly

54.7279, 47.5160, 48.9349

Monochromacy



Original Color

54.8294, 47.5566, 49.4695

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.4004, 48.3974, 52.0853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8294, 47.5566, 49.4695 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(231, 166, 180)` looks like.

```
.text, #text, p{  
    color:rgb(231, 166, 180)  
}
```

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(231, 166, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 166, 180) }
```

Border

The CSS property to change the border of an element to XYZ 54.8294, 47.5566, 49.4695 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(231, 166, 180) }
```


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

```
.border{ border-color:rgb(231, 166, 180) }
```

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

Here you see how a box with a 4 pixel rgb(231, 166, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 166, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 166, 180);  
box-shadow:4px 4px 4px 4px rgb(231, 166,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8294, 47.5566, 49.4695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 166, 180) }
```

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

```
.background{ background-color: rgb(231,  
166, 180) }
```

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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