

Converting Colors

XYZ(53.8656, 47.5646, 45.5254)

Have a look what the booklet for
XYZ(53.8656, 47.5646, 45.5254)
contains.

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Color

**XYZ(54.0822, 47.8068,
45.4069)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A8AC
RGB	230, 168, 172
RGB Percent	90%, 66%, 67%
CMY	0.0980, 0.3412, 0.3255
CMYK	0.00, 0.27, 0.25, 0.10
HSL	356°, 55%, 78%
HSV	356°, 27%, 90%
XYZ	54.0822, 47.8068, 45.4069
YIQ	186.9940, 35.6680, 14.3880

Conversions

Conversions Part 2

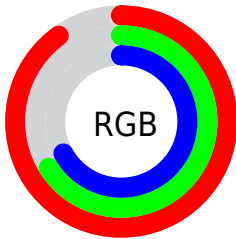
Format	Color
R _Y B	230, 168, 172
Decimal	15116460
CIE Lab	74.70, 23.36, 6.96
CIE LCh	75, 24.380, 16.591
Yxy	47.8068, 0.3672, 0.3246
Android (android.graphics.Color)	4293306540 (0xFFE6A8AC)
YUV	186.9940, -7.3920, 37.7163
Hunter-Lab	69.1425, 18.6207, 9.4631

Details

The XYZ color **54.0822, 47.8068, 45.4069** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.1748, 70.4107, 82.4796**, and the grayscale version is **47.2581, 49.7192, 54.1442**.

A 20% lighter version of the original color is **81.7608, 80.1174, 83.8280**, and **26.8691, 22.7311, 20.7407** is the 20% darker color. If you saturate the color by 10%, you get **48.3036, 39.2932, 34.0972**, and if you desaturate by 10%, it is **60.9490, 57.9606, 58.7313**.

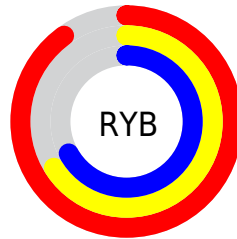
Distribution



Red (90%)

Green (66%)

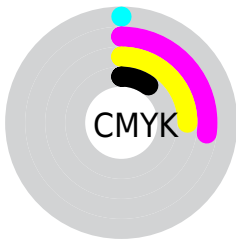
Blue (67%)



Red (90%)

Yellow (66%)

Blue (67%)

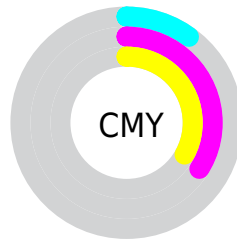


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (10%)



Cyan (10%)


Magenta (34%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0822, 47.8068, 45.4069 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 54.0822, 47.8068, 45.4069 by changing the saturation by 10% instead.


 54.0822, 47.8068,
45.4069


 54.0822, 47.8068,
45.4069


392.6166,
378.0258, 384.6271

 38.8983, 33.6739,
31.4328

 95.3511, 86.9167,
84.6556

 26.8610, 22.6432,
20.6674

 122.1669,
112.6625, 110.7672

 17.6049, 14.3303,
12.6922


153.5906,
143.0480, 141.7618

 10.7647, 8.3507,
7.0887

189.9877,
178.4577, 178.0578

 5.9749, 4.3202,
3.4384

231.7235,
219.2759, 220.0737

 2.8704, 1.8542,
1.3226

279.1633,

 1.0856, 0.5206,

265.8871, 268.2283

0.0802

332.6726,
318.6756, 322.9399

■ 0.0130, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0822, 47.8068,
45.4069

■ 54.0822, 47.8068,
45.4069

■ 48.3036, 39.2932,
34.0972

■ 60.9490, 57.9606,
58.7313

■ 43.5537, 32.3276,
24.7013

■ 68.9518, 69.8273,
74.1585

■ 39.7732, 26.8188,
17.1141

■ 78.1402, 83.4832,
91.7752

■ 36.8950, 22.6635,
11.2193

■ 86.4433, 95.5631,
108.4972

■ 34.8439, 19.7447,
6.8869

■ 33.5319, 17.9256,
3.9681

■ 32.8482, 17.0307,
2.2839

■ 32.7183, 16.8571,
1.9747

Harmonies

Analogous

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



54.2195, 47.8068, 57.9057



54.0822, 47.8068, 45.4069



51.5345, 47.8068, 36.2950

Triad

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



54.0822, 47.8068, 45.4069



39.5391, 47.8068, 37.0518



43.4960, 47.8068, 79.5077

Complementary

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



54.0822, 47.8068, 45.4069



58.1748, 70.4107, 82.4796

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.



39.8441, 47.8068, 71.8180



54.0822, 47.8068, 45.4069



37.6615, 47.8068, 46.6095

Square

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



54.0822, 47.8068, 45.4069



43.0547, 47.8068, 32.0342



37.7694, 47.8068, 59.3189



47.9096, 47.8068, 79.0445

Rectangle

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



54.0822, 47.8068, 45.4069



48.9005, 47.8068, 32.7560



37.7694, 47.8068, 59.3189



42.1447, 47.8068, 77.7435

Sweetspot

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



54.0835, 47.8090, 45.4079



85.9619, 86.4990, 91.4573



59.6092, 49.8679, 81.3471



18.0568, 18.0060, 18.9165



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.



54.0835, 47.8090, 45.4079



64.3626, 54.5417, 49.6026



59.1877, 58.6225, 45.2443



14.4145, 14.3830, 15.1170



18.5384, 9.5496, 1.1983



1.3832, 0.7110, 0.1587

Inverse Universe

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



54.0835, 47.8090, 45.4079



64.3626, 54.5417, 49.6026



51.8208, 56.8148, 83.0985



14.4145, 14.3830, 15.1170



18.5384, 9.5496, 1.1983



1.3832, 0.7110, 0.1587

Previews

White Background



This preview shows how the XYZ color 54.0822, 47.8068, 45.4069 looks on a white background.

Color Contrast Check

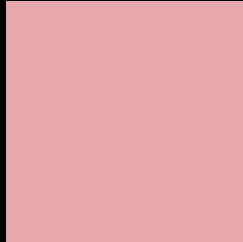
Large Text (above 18pt) WCAG AA × Fail

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 54.0822, 47.8068, 45.4069 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 54.0822, 47.8068, 45.4069

Background



This preview shows how black text looks on a background with the XYZ color 54.0822, 47.8068, 45.4069.



This preview shows how white text looks on a background with the XYZ color 54.0822, 47.8068,

45.4069.

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

54.0822, 47.8068, 45.4069

Protanopia

45.9107, 47.8536, 49.9969

Deuteranopia

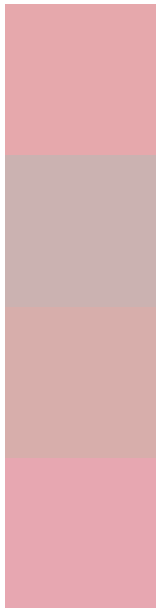
48.9082, 48.0085, 44.7190



Tritanopia

55.0119, 47.9216, 49.5304

Trichromacy



Original Color

54.0822, 47.8068, 45.4069

Protanomaly

48.4848, 47.7116, 48.2488

Deuteranomaly

50.5111, 47.6595, 45.0650

Tritanomaly

54.7095, 47.8007, 47.9379

Monochromacy



Original Color

54.0822, 47.8068, 45.4069

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.3934, 48.7164, 51.0559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0822, 47.8068, 45.4069 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, 168, 172)` looks like.

```
.text, #text, p{  
    color:rgb(230, 168, 172)  
}
```

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, 168, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 168, 172) }
```

Border

The CSS property to change the border of an element to XYZ 54.0822, 47.8068, 45.4069 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, 168, 172) }
```


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

```
.border{ border-color:rgb(230, 168, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 168, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 168, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 168, 172);  
box-shadow:4px 4px 4px 4px rgb(230, 168,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0822, 47.8068, 45.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 168, 172) }
```

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

```
.background{ background-color: rgb(230,  
168, 172) }
```

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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