

Converting Colors

XYZ(53.9751, 47.9327, 44.8091)

Have a look what the booklet for
XYZ(53.9751, 47.9327, 44.8091)
contains.

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Color

**XYZ(54.1718, 48.1392,
44.9647)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A9AB
RGB	230, 169, 171
RGB Percent	90%, 66%, 67%
CMY	0.0980, 0.3372, 0.3294
CMYK	0.00, 0.27, 0.26, 0.10
HSL	358°, 55%, 78%
HSV	358°, 27%, 90%
XYZ	54.1718, 48.1392, 44.9647
YIQ	187.4670, 35.7140, 13.5540

Conversions

Conversions Part 2

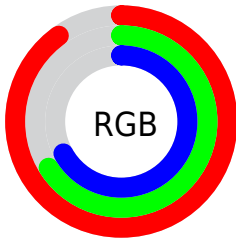
Format	Color
R _Y B	230, 169, 171
Decimal	15116715
CIE Lab	74.91, 22.69, 7.81
CIE LCh	75, 23.996, 18.993
Yxy	48.1392, 0.3678, 0.3269
Android (android.graphics.Color)	4293306795 (0xFFE6A9AB)
YUV	187.4670, -8.1182, 37.3014
Hunter-Lab	69.3824, 17.9484, 10.1436

Details

The XYZ color **54.1718, 48.1392, 44.9647** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.6646, 70.6312, 83.9436**, and the grayscale version is **47.5293, 50.0045, 54.4549**.

A 20% lighter version of the original color is **81.8927, 80.6014, 83.1929**, and **26.8087, 22.7069, 20.4227** is the 20% darker color. If you saturate the color by 10%, you get **48.3182, 39.5446, 33.4170**, and if you desaturate by 10%, it is **61.1376, 58.3862, 58.6451**.

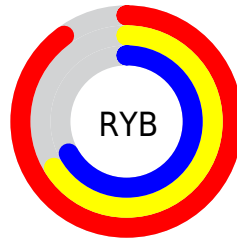
Distribution



Red (90%)

Green (66%)

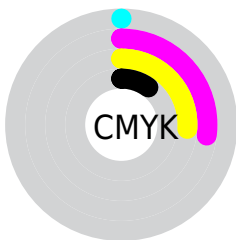
Blue (67%)



Red (90%)

Yellow (66%)

Blue (67%)

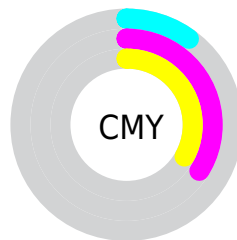


Cyan (0%)

Magenta (27%)

Yellow (26%)

Black (10%)



Cyan (10%)


Magenta (34%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1718, 48.1392, 44.9647 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 54.1718, 48.1392, 44.9647 by changing the saturation by 10% instead.


 54.1718, 48.1392,
44.9647


 54.1718, 48.1392,
44.9647


392.9525,
379.3436, 382.7865

 38.9702, 33.9371,
31.0869


 95.4819, 87.4116,
83.9853

 26.9172, 22.8453,
20.4060


 122.3211,
113.2508, 109.9652

 17.6473, 14.4793,
12.5035


153.7702,
143.7377, 140.8162

 10.7952, 8.4548,
6.9609

190.1947,
179.2569, 176.9568

 5.9956, 4.3873,
3.3596

231.9598,
220.1927, 218.8056

 2.8830, 1.8925,
1.2810

279.4309,

 1.0922, 0.5439,

266.9295, 266.7812

0.0462

332.9733,
319.8516, 321.3019

■ 0.0186, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1718, 48.1392,
44.9647

■ 54.1718, 48.1392,
44.9647

■ 48.3182, 39.5446,
33.4170

■ 61.1376, 58.3862,
58.6451

■ 43.5156, 32.5098,
23.8918

■ 69.2648, 70.3588,
74.5548

■ 39.7028, 26.9432,
16.2736

■ 78.6045, 84.1335,
92.7883

■ 36.8109, 22.7410,
10.4341

■ 86.4433, 95.5631,
108.4972

■ 34.7621, 19.7857,
6.2291

■ 33.4655, 17.9402,
3.4920

■ 32.8083, 17.0321,
2.0204

■ 32.6745, 16.8396,
1.7443

Harmonies

Analogous

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



54.5116, 48.1392, 57.1472



54.1718, 48.1392, 44.9647



51.4947, 48.1392, 36.2673

Triad

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



54.1718, 48.1392, 44.9647



39.7004, 48.1392, 38.1537



44.1687, 48.1392, 79.7740

Complementary

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



54.1718, 48.1392, 44.9647



58.6646, 70.6312, 83.9436

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.



40.4583, 48.1392, 72.7608



54.1718, 48.1392, 44.9647



37.9900, 48.1392, 47.9523

Square

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



54.1718, 48.1392, 44.9647



43.0734, 48.1392, 32.7893



38.2583, 48.1392, 60.6468



48.5454, 48.1392, 78.6314

Rectangle

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



54.1718, 48.1392, 44.9647



48.8347, 48.1392, 33.0014



38.2583, 48.1392, 60.6468



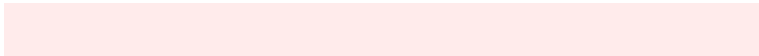
42.8073, 48.1392, 78.2528

Sweetspot

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



54.1731, 48.1414, 44.9657



85.8680, 86.4615, 90.9630



60.4566, 50.5799, 81.4397



18.0335, 17.9967, 18.7934



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.



54.1731, 48.1414, 44.9657



64.1038, 54.4381, 48.2394



59.8684, 59.8341, 45.9327



14.3960, 14.3756, 15.0198



18.5070, 9.5370, 1.0331



1.3744, 0.7075, 0.1120

Inverse Universe

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



54.1731, 48.1414, 44.9657



64.1038, 54.4381, 48.2394



51.6583, 56.1726, 82.9830



14.3960, 14.3756, 15.0198



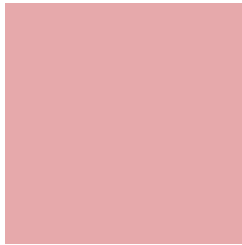
18.5070, 9.5370, 1.0331



1.3744, 0.7075, 0.1120

Previews

White Background



This preview shows how the XYZ color 54.1718, 48.1392, 44.9647 looks on a white background.

Color Contrast Check

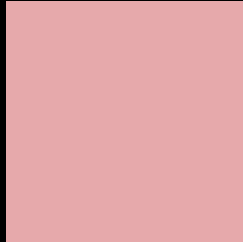
Large Text (above 18pt) WCAG AA × Fail

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 54.1718, 48.1392, 44.9647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

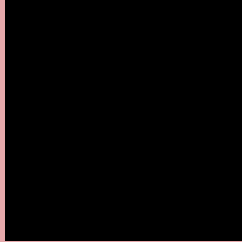
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1718, 48.1392, 44.9647

Background



This preview shows how black text looks on a background with the XYZ color 54.1718, 48.1392, 44.9647.



This preview shows how white text looks on a background with the XYZ color 54.1718, 48.1392,

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

54.1718, 48.1392, 44.9647

Protanopia

46.2634, 48.3545, 49.5428

Deuteranopia

49.0943, 48.1153, 44.2357



Tritanopia

55.1958, 48.2895, 49.5917

Trichromacy



Original Color

54.1718, 48.1392, 44.9647

Protanomaly

48.8584, 48.2122, 47.8051

Deuteranomaly

50.9046, 48.1612, 44.6433

Tritanomaly

54.8934, 48.1685, 47.9992

Monochromacy



Original Color

54.1718, 48.1392, 44.9647

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.2903, 48.6752, 50.5134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1718, 48.1392, 44.9647 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, 169, 171)` looks like.

```
.text, #text, p{  
    color:rgb(230, 169, 171)  
}
```

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, 169, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 169, 171) }
```

Border

The CSS property to change the border of an element to XYZ 54.1718, 48.1392, 44.9647 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, 169, 171) }
```


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

```
.border{ border-color:rgb(230, 169, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 169, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 169, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 169, 171);  
box-shadow:4px 4px 4px 4px rgb(230, 169,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1718, 48.1392, 44.9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 169, 171) }
```

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

```
.background{ background-color: rgb(230,  
169, 171) }
```

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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