

Converting Colors

XYZ(59.3834, 53.0411, 47.6656)

Have a look what the booklet for
XYZ(59.3834, 53.0411, 47.6656)
contains.

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Color

**XYZ(59.3952, 53.0647,
47.6695)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B1AF
RGB	240, 177, 175
RGB Percent	94%, 69%, 69%
CMY	0.0588, 0.3059, 0.3137
CMYK	0.00, 0.26, 0.27, 0.06
HSL	2°, 68%, 81%
HSV	2°, 27%, 94%
XYZ	59.3952, 53.0647, 47.6695
YIQ	195.6090, 38.1900, 12.7340

Conversions

Conversions Part 2

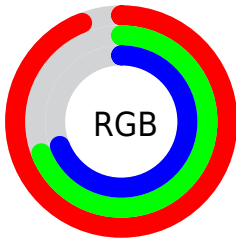
Format	Color
R _Y B	240, 177, 175
Decimal	15774127
CIE Lab	77.91, 22.67, 10.05
CIE LCh	78, 24.803, 23.915
Yxy	53.0647, 0.3709, 0.3314
Android (android.graphics.Color)	4293964207 (0xFFFF0B1AF)
YUV	195.6090, -10.1602, 38.9309
Hunter-Lab	72.8455, 18.0618, 12.1930

Details

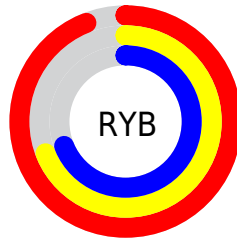
The XYZ color **59.3952, 53.0647, 47.6695** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.9810, 76.5520, 93.8422**, and the grayscale version is **52.2793, 55.0019, 59.8971**.

A 20% lighter version of the original color is **84.6618, 85.2510, 86.8558**, and **30.3112, 25.9126, 22.1430** is the 20% darker color. If you saturate the color by 10%, you get **53.0351, 43.7872, 34.9352**, and if you desaturate by 10%, it is **66.9602, 64.0807, 62.8733**.

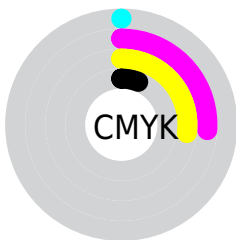
Distribution



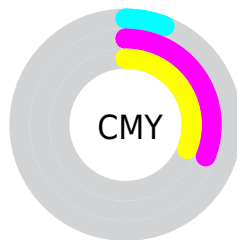
- Red (94%)
- Green (69%)
- Blue (69%)



- Red (94%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (27%)
- Black (6%)





- Cyan (6%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3952, 53.0647, 47.6695 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 59.3952, 53.0647, 47.6695 by changing the saturation by 10% instead.


 59.3952, 53.0647,
47.6695

 59.3952, 53.0647,
47.6695


412.2354,
398.5333, 393.9515

 43.1789, 37.8544,
33.2071


 103.0632, 94.6996,
88.0725

 30.2207, 25.8697,
22.0127


131.2456,
121.8929, 114.8503

 20.1550, 16.7262,
13.6678


164.1474,
153.8495, 146.5702

 12.6167, 10.0395,
7.7539

202.1340,
190.9536, 183.6508

 7.2403, 5.4251,
3.8524

245.5708,
233.5896, 226.5107

 3.6605, 2.4988,
1.5447

294.8231,

 1.5119, 0.8760,

282.1420, 275.5684

0.2509

350.2561,
336.9951, 331.2425

■ 0.3339, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3952, 53.0647,
47.6695

■ 59.3952, 53.0647,
47.6695

■ 53.0351, 43.7872,
34.9352

■ 66.9602, 64.0807,
62.8733

■ 47.8136, 36.1526,
24.5372

■ 75.7831, 76.9098,
80.6639

■ 43.6649, 30.0673,
16.3345

■ 85.9192, 91.6312,
101.1550

■ 40.5144, 25.4253,
10.1696

■ 89.7453, 97.2653,
108.6517

■ 38.2781, 22.1074,
5.8643

■ 36.8582, 19.9754,
3.2094

■ 36.1332, 18.8598,
1.9369

■ 36.0156, 18.6860,
1.7085

Harmonies

Analogous

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



60.2284, 53.0647, 60.6391



59.3952, 53.0647, 47.6695



56.0964, 53.0647, 38.8675

Triad

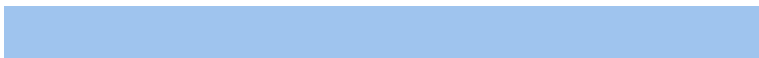
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.3952, 53.0647, 47.6695



43.3089, 53.0647, 43.5082



49.4599, 53.0647, 88.4064

Complementary

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



59.3952, 53.0647, 47.6695



63.9810, 76.5520, 93.8422

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.



45.1705, 53.0647, 82.0020



59.3952, 53.0647, 47.6695



41.7678, 53.0647, 55.0092

Square

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



59.3952, 53.0647, 47.6695



46.7707, 53.0647, 36.7463



42.4270, 53.0647, 69.2241



54.2888, 53.0647, 85.6084

Rectangle

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



59.3952, 53.0647, 47.6695



53.0490, 53.0647, 35.8369



42.4270, 53.0647, 69.2241



47.9110, 53.0647, 87.2300

Sweetspot

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



59.3966, 53.0672, 47.6706



85.9516, 86.7830, 90.5153



66.8333, 55.4129, 88.7704



18.0543, 18.0767, 18.6819



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.



59.3966, 53.0672, 47.6706



64.3306, 55.3106, 47.0238



66.3719, 67.0177, 49.9957



15.8119, 15.8369, 16.3732



19.7329, 10.2639, 0.9411



1.6553, 0.8812, 0.0828

Inverse Universe

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



63.9810, 76.5520, 93.8422



70.3346, 86.0747, 107.5148



55.5797, 59.7493, 91.0418



16.2031, 17.8404, 20.3112



24.5178, 35.2598, 50.6415



2.0527, 2.9594, 4.2172

Previews

White Background



This preview shows how the XYZ color 59.3952, 53.0647, 47.6695 looks on a white background.

Color Contrast Check

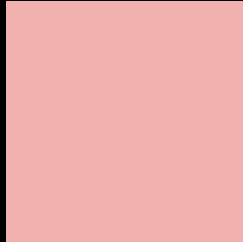
Large Text (above 18pt) WCAG AA × Fail

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 59.3952, 53.0647, 47.6695 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 59.3952, 53.0647, 47.6695

Background



This preview shows how black text looks on a background with the XYZ color 59.3952, 53.0647, 47.6695.



This preview shows how white text looks on a background with the XYZ color 59.3952, 53.0647,

47.6695.

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

59.3952, 53.0647, 47.6695

Protanopia

50.9501, 53.2603, 52.3947

Deuteranopia

54.3151, 53.1950, 46.9401



Tritanopia

60.6827, 52.9916, 54.6070

Trichromacy



Original Color

59.3952, 53.0647, 47.6695

Protanomaly

53.7401, 53.1321, 50.6031

Deuteranomaly

56.2520, 53.2539, 47.3586

Tritanomaly

60.3482, 53.1703, 51.8820

Monochromacy



Original Color

59.3952, 53.0647, 47.6695

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.4261, 54.0231, 55.1359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3952, 53.0647, 47.6695 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(240, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(240, 177, 175)  
}
```

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(240, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 177, 175) }
```

Border

The CSS property to change the border of an element to XYZ 59.3952, 53.0647, 47.6695 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(240, 177, 175) }
```


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

```
.border{ border-color:rgb(240, 177, 175) }
```

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

Here you see how a box with a 4 pixel rgb(240, 177, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(240, 177,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3952, 53.0647, 47.6695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 177, 175) }
```

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

```
.background{ background-color: rgb(240,  
177, 175) }
```

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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