

Converting Colors

XYZ(63.7241, 53.8517, 47.5802)

Have a look what the booklet for
XYZ(63.7241, 53.8517, 47.5802)
contains.

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Color

**XYZ(63.7304, 53.8602,
47.5945)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACAF
RGB	255, 172, 175
RGB Percent	100%, 67%, 69%
CMY	0.0000, 0.3255, 0.3137
CMYK	0.00, 0.33, 0.31, 0.00
HSL	358°, 100%, 84%
HSV	358°, 33%, 100%
XYZ	63.7304, 53.8602, 47.5945
YIQ	197.1590, 48.5050, 18.5290

Conversions

Conversions Part 2

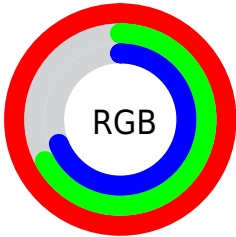
Format	Color
R _Y B	255, 172, 175
Decimal	16755887
CIE Lab	78.38, 30.82, 10.94
CIE LCh	78, 32.702, 19.543
Yxy	53.8602, 0.3858, 0.3261
Android (android.graphics.Color)	4294945967 (0xFFFFACAF)
YUV	197.1590, -10.9244, 50.7266
Hunter-Lab	73.3895, 26.5752, 12.9220

Details

The XYZ color **63.7304, 53.8602, 47.5945** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.3462, 87.3200, 105.2467**, and the grayscale version is **53.2116, 55.9827, 60.9652**.

A 20% lighter version of the original color is **83.2663, 82.4600, 86.3907**, and **32.9369, 26.3595, 22.0908** is the 20% darker color. If you saturate the color by 10%, you get **57.1362, 44.1899, 34.5504**, and if you desaturate by 10%, it is **71.6979, 65.5735, 63.2653**.

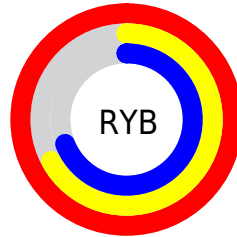
Distribution



Red (100%)

Green (67%)

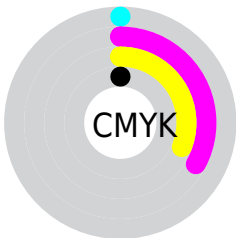
Blue (69%)



Red (100%)

Yellow (67%)

Blue (69%)

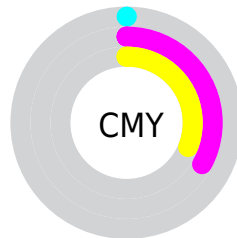


Cyan (0%)

Magenta (33%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7304, 53.8602, 47.5945 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 63.7304, 53.8602, 47.5945 by changing the saturation by 10% instead.


 63.7304, 53.8602,
47.5945

 63.7304, 53.8602,
47.5945


427.8331,
401.5767, 393.6448

 46.6932, 38.4899,
33.1482


 109.2985, 95.8689,
87.9596

 33.0001, 26.3631,
21.9679


138.5601,
123.2762, 114.7155

 22.2858, 17.0955,
13.6352


172.6272,
155.4645, 146.4116

 14.1848, 10.3026,
7.7316

211.8652,
192.8184, 183.4665

 8.3319, 5.6001,
3.8384

256.6395,
235.7221, 226.2987

 4.3616, 2.6034,
1.5371

307.3153,

 1.9087, 0.9284,

284.5602, 275.3268

0.2453

364.2580,
339.7169, 330.9693

■ 0.5819, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7304, 53.8602,
47.5945

■ 63.7304, 53.8602,
47.5945

■ 57.1362, 44.1899,
34.5504

■ 71.6979, 65.5735,
63.2653

■ 51.8338, 36.4386,
23.9865

■ 81.1058, 79.4294,
81.6922

■ 47.7398, 30.4807,
15.7464

■ 92.0218, 95.5301,
102.9998

■ 44.7589, 26.1725,
9.6551

95.0500, 100.0000,
108.9000

■ 42.7818, 23.3482,
5.5126

■ 41.6769, 21.8075,
3.0815

■ 41.2904, 21.2802,
2.1955

Harmonies

Analogous

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



64.3180, 53.8602, 65.2985



63.7304, 53.8602, 47.5945



59.6283, 53.8602, 35.6460

Triad

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



63.7304, 53.8602, 47.5945



42.3617, 53.8602, 38.5642



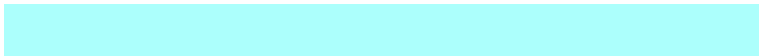
48.9844, 53.8602, 100.7381

Complementary

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



63.7304, 53.8602, 47.5945



70.3462, 87.3200, 105.2467

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.



43.5924, 53.8602, 89.8708



63.7304, 53.8602, 47.5945



39.9865, 53.8602, 52.4588

Square

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



63.7304, 53.8602, 47.5945



47.1728, 53.8602, 31.2369



40.4173, 53.8602, 71.2849



55.4343, 53.8602, 98.6730

Rectangle

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



63.7304, 53.8602, 47.5945



55.6296, 53.8602, 31.3637



40.4173, 53.8602, 71.2849



46.9978, 53.8602, 98.4005

Sweetspot

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



63.7318, 53.8627, 47.5956



83.7399, 83.3125, 86.8400



72.5335, 57.2090, 101.8272



17.6100, 17.3697, 17.9742



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.



63.7318, 53.8627, 47.5956



59.3231, 47.3942, 38.8852



71.5743, 70.0135, 48.7746



18.0359, 17.9977, 18.8064



21.5866, 11.1239, 1.2076



2.1107, 1.0867, 0.1646

Inverse Universe

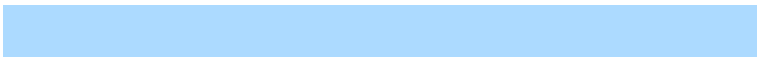
The Inverse Universe completely reimagines the original color for something new.



63.7318, 53.8627, 47.5956



59.3231, 47.3942, 38.8852



60.0462, 65.9544, 104.1734



18.0359, 17.9977, 18.8064



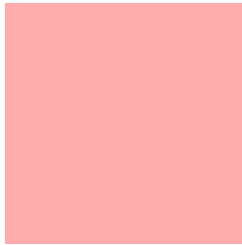
21.5866, 11.1239, 1.2076



2.1107, 1.0867, 0.1646

Previews

White Background



This preview shows how the XYZ color 63.7304, 53.8602, 47.5945 looks on a white background.

Color Contrast Check

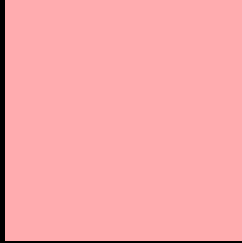
Large Text (above 18pt) WCAG AA × Fail

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 63.7304, 53.8602, 47.5945 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 63.7304, 53.8602, 47.5945

Background



This preview shows how black text looks on a background with the XYZ color 63.7304, 53.8602, 47.5945.



This preview shows how white text looks on a background with the XYZ color 63.7304, 53.8602,

47.5945.

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

63.7304, 53.8602, 47.5945

Protanopia

51.8590, 54.0071, 54.7049

Deuteranopia

55.0355, 53.8914, 46.5311



Tritanopia

64.4546, 53.8465, 52.3437

Trichromacy



Original Color

63.7304, 53.8602, 47.5945



Protanomaly

55.4114, 53.3325, 52.1734



Deuteranomaly

57.8750, 53.7967, 46.8686



Tritanomaly

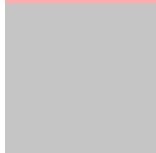
64.1434, 53.7220, 50.7047

Monochromacy



Original Color

63.7304, 53.8602, 47.5945



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.0820, 54.5460, 55.7167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7304, 53.8602, 47.5945 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(255, 172, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 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(255, 172, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 175) }
```

Border

The CSS property to change the border of an element to XYZ 63.7304, 53.8602, 47.5945 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(255, 172, 175) }
```


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

```
.border{ border-color:rgb(255, 172, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7304, 53.8602, 47.5945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 175) }
```

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

```
.background{ background-color: rgb(255,  
172, 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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