

Converting Colors

XYZ(63.4760, 53.8601, 54.7727)

Have a look what the booklet for
XYZ(63.4760, 53.8601, 54.7727)
contains.

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Color

**XYZ(63.4450, 53.8420,
54.6256)**

Conversions

Conversions Part 1

Format	Color
Hex	FAADBC
RGB	250, 173, 188
RGB Percent	98%, 68%, 74%
CMY	0.0196, 0.3215, 0.2627
CMYK	0.00, 0.31, 0.25, 0.02
HSL	348°, 89%, 83%
HSV	348°, 31%, 98%
XYZ	63.4450, 53.8420, 54.6256
YIQ	197.7330, 41.0770, 20.9890

Conversions

Conversions Part 2

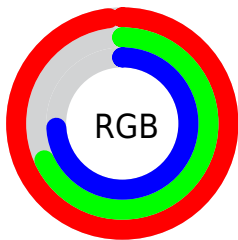
Format	Color
R _Y B	250, 173, 188
Decimal	16428476
CIE Lab	78.37, 30.21, 3.79
CIE LCh	78, 30.446, 7.146
Yxy	53.8420, 0.3691, 0.3132
Android (android.graphics.Color)	4294618556 (0xFFFAADBC)
YUV	197.7330, -4.7984, 45.8382
Hunter-Lab	73.3771, 25.9288, 7.2255

Details

The XYZ color **63.4450, 53.8420, 54.6256** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4169, 83.2549, 91.1707**, and the grayscale version is **53.5265, 56.3140, 61.3260**.

A 20% lighter version of the original color is **85.5884, 83.8303, 97.2578**, and **32.8279, 26.3887, 26.2850** is the 20% darker color. If you saturate the color by 10%, you get **57.0711, 44.3282, 42.5306**, and if you desaturate by 10%, it is **71.0215, 65.2757, 68.6162**.

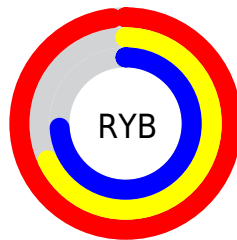
Distribution



Red (98%)

Green (68%)

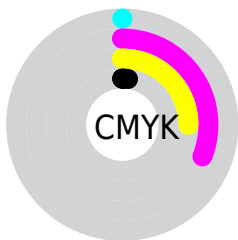
Blue (74%)



Red (98%)

Yellow (68%)

Blue (74%)

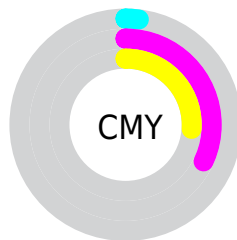


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (2%)



Cyan (2%)


Magenta (32%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4450, 53.8420, 54.6256 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 63.4450, 53.8420, 54.6256 by changing the saturation by 10% instead.


 63.4450, 53.8420,
54.6256

 63.4450, 53.8420,
54.6256

426.8167,
401.5072, 421.7330

 46.4613, 38.4754,
38.7055


 108.8895, 95.8422,
98.4578

 32.8162, 26.3518,
26.2246


138.0810,
123.2446, 127.2070

 22.1442, 17.0870,
16.7645


172.0724,
155.4276, 161.0696

 14.0801, 10.2966,
9.9065

211.2292,
192.7758, 200.4642

 8.2585, 5.5960,
5.2322

255.9167,
235.6734, 245.8093

 4.3140, 2.6010,
2.3230

306.5002,

 1.8812, 0.9272,

284.5050, 297.5234

0.7441

363.3451,
339.6548, 356.0252

■ 0.5659, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4450, 53.8420,
54.6256

■ 63.4450, 53.8420,
54.6256

■ 57.0711, 44.3282,
42.5306

■ 71.0215, 65.2757,
68.6162

■ 51.8328, 36.6214,
32.2455

■ 79.8541, 78.7189,
84.5763

■ 47.6632, 30.6088,
23.6829

■ 89.9985, 94.2647,
102.5799

■ 44.4864, 26.1616,
16.7467

■ 93.2345, 99.0641,
108.8150

■ 42.2161, 23.1322,
11.3309

■ 40.7505, 21.3449,
7.3161

■ 39.9723, 20.5432,
4.7298

Harmonies

Analogous

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



62.5115, 53.8420, 72.3582



63.4450, 53.8420, 54.6256



60.8923, 53.8420, 40.9131

Triad

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



63.4450, 53.8420, 54.6256



44.5452, 53.8420, 36.1102



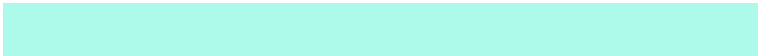
46.8406, 53.8420, 94.4812

Complementary

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



63.4450, 53.8420, 54.6256



66.4169, 83.2549, 91.1707

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.



42.5511, 53.8420, 80.8274



63.4450, 53.8420, 54.6256



41.2996, 53.8420, 46.7492

Square

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



63.4450, 53.8420, 54.6256



49.7591, 53.8420, 31.6580



40.5990, 53.8420, 62.8145



52.6180, 53.8420, 97.7175

Rectangle

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



63.4450, 53.8420, 54.6256



57.6659, 53.8420, 35.0966



40.5990, 53.8420, 62.8145



45.1908, 53.8420, 90.8445

Sweetspot

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



63.4465, 53.8445, 54.6267



85.3266, 85.0878, 91.6796



66.3297, 54.3862, 97.4444



17.9497, 17.7328, 19.0627



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.



63.4465, 53.8445, 54.6267



62.0630, 49.8833, 49.0184



66.7314, 62.8685, 48.1561



17.3827, 17.2805, 18.6053



21.2419, 10.9125, 2.7165



2.0027, 1.0248, 0.4375

Inverse Universe

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



63.4465, 53.8445, 54.6267



62.0630, 49.8833, 49.0184



61.9327, 70.6718, 100.8196



17.3827, 17.2805, 18.6053



21.2419, 10.9125, 2.7165



2.0027, 1.0248, 0.4375

Previews

White Background



This preview shows how the XYZ color 63.4450, 53.8420, 54.6256 looks on a white background.

Color Contrast Check

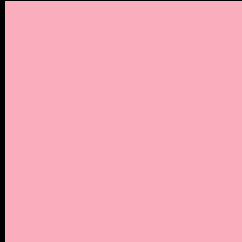
Large Text (above 18pt) WCAG AA × Fail

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 63.4450, 53.8420, 54.6256 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 63.4450, 53.8420, 54.6256

Background



This preview shows how black text looks on a background with the XYZ color 63.4450, 53.8420, 54.6256.



This preview shows how white text looks on a background with the XYZ color 63.4450, 53.8420,

54.6256.

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

63.4450, 53.8420, 54.6256

Protanopia

52.2602, 54.0458, 62.3211

Deuteranopia

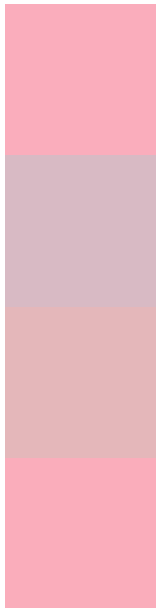
55.0591, 54.0682, 53.4332



Tritanopia

63.2308, 53.7563, 53.4978

Trichromacy



Original Color

63.4450, 53.8420, 54.6256

Protanomaly

55.8416, 53.7023, 59.6470

Deuteranomaly

57.7913, 53.9061, 53.8134

Tritanomaly

63.3376, 53.7990, 54.0597

Monochromacy



Original Color

63.4450, 53.8420, 54.6256

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.5505, 55.0419, 58.6826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4450, 53.8420, 54.6256 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(250, 173, 188)` looks like.

```
.text, #text, p{  
    color:rgb(250, 173, 188)  
}
```

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(250, 173, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 173, 188) }
```

Border

The CSS property to change the border of an element to XYZ 63.4450, 53.8420, 54.6256 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(250, 173, 188) }
```


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

```
.border{ border-color:rgb(250, 173, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 173, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 173, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 173, 188);  
box-shadow:4px 4px 4px 4px rgb(250, 173,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4450, 53.8420, 54.6256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 173, 188) }
```

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

```
.background{ background-color: rgb(250,  
173, 188) }
```

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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