

Converting Colors

XYZ(63.4926, 54.1371, 55.4071)

Have a look what the booklet for
XYZ(63.4926, 54.1371, 55.4071)
contains.

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Color

**XYZ(63.3883, 54.0860,
55.2428)**

Conversions

Conversions Part 1

Format	Color
Hex	F9AEBD
RGB	249, 174, 189
RGB Percent	98%, 68%, 74%
CMY	0.0235, 0.3176, 0.2588
CMYK	0.00, 0.30, 0.24, 0.02
HSL	348°, 86%, 83%
HSV	348°, 30%, 98%
XYZ	63.3883, 54.0860, 55.2428
YIQ	198.1350, 39.8850, 20.5650

Conversions

Conversions Part 2

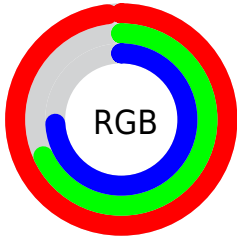
Format	Color
R _Y B	249, 174, 189
Decimal	16363197
CIE Lab	78.51, 29.47, 3.44
CIE LCh	79, 29.666, 6.652
Yxy	54.0860, 0.3670, 0.3131
Android (android.graphics.Color)	4294553277 (0xFFF9AEBD)
YUV	198.1350, -4.5036, 44.6086
Hunter-Lab	73.5432, 25.1520, 6.9439

Details

The XYZ color **63.3883, 54.0860, 55.2428** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.1849, 82.6919, 90.3190**, and the grayscale version is **53.7694, 56.5696, 61.6043**.

A 20% lighter version of the original color is **86.0182, 84.4462, 98.1523**, and **32.7672, 26.5287, 26.6861** is the 20% darker color. If you saturate the color by 10%, you get **57.0003, 44.5359, 43.1675**, and if you desaturate by 10%, it is **70.9680, 65.5432, 69.1820**.

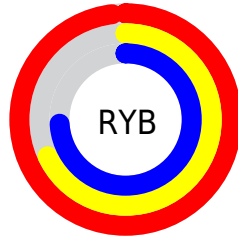
Distribution



Red (98%)

Green (68%)

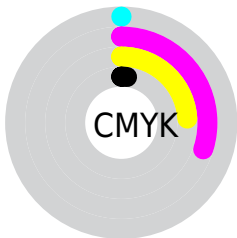
Blue (74%)



Red (98%)

Yellow (68%)

Blue (74%)

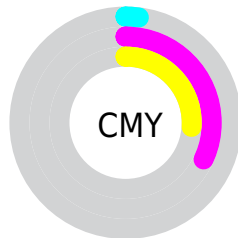


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (2%)



Cyan (2%)


Magenta (32%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3883, 54.0860, 55.2428 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 63.3883, 54.0860, 55.2428 by changing the saturation by 10% instead.


 63.3883, 54.0860,
55.2428

 63.3883, 54.0860,
55.2428


426.6146,
402.4379, 424.1395

 46.4152, 38.6704,
39.1962


 108.8082, 96.2005,
99.3713

 32.7796, 26.5034,
26.6034


137.9857,
123.6682, 128.2904

 22.1161, 17.2006,
17.0458


171.9621,
155.9221, 162.3373

 14.0593, 10.3776,
10.1048

211.1028,
193.3466, 201.9307

 8.2439, 5.6501,
5.3620

255.7730,
236.3260, 247.4891

 4.3045, 2.6335,
2.3988

306.3381,

 1.8758, 0.9435,

285.2447, 299.4310

0.7858

363.1636,
340.4872, 358.1749

■ 0.5627, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3883, 54.0860,
55.2428

■ 63.3883, 54.0860,
55.2428

■ 57.0003, 44.5359,
43.1675

■ 70.9680, 65.5432,
69.1820

■ 51.7381, 36.7819,
32.8728

■ 79.7918, 78.9955,
85.0567

■ 47.5362, 30.7129,
24.2743

■ 89.9144, 94.5348,
102.9387

■ 44.3204, 26.2027,
17.2790

■ 92.8771, 98.8798,
108.7983

■ 42.0065, 23.1069,
11.7843

■ 40.4953, 21.2539,
7.6756

■ 39.6382, 20.3683,
4.8359

Harmonies

Analogous

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



62.4227, 54.0860, 72.5791



63.3883, 54.0860, 55.2428



60.9537, 54.0860, 41.7015

Triad

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



63.3883, 54.0860, 55.2428



44.9903, 54.0860, 36.6719



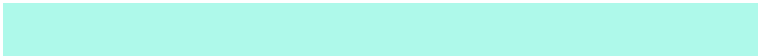
47.0835, 54.0860, 93.6307

Complementary

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



63.3883, 54.0860, 55.2428



66.1849, 82.6919, 90.3190

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.



42.9133, 54.0860, 80.2525



63.3883, 54.0860, 55.2428



41.7703, 54.0860, 47.0412

Square

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



63.3883, 54.0860, 55.2428



50.1172, 54.0860, 32.3723



41.0396, 54.0860, 62.6953



52.7190, 54.0860, 96.9622

Rectangle

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



63.3883, 54.0860, 55.2428



57.8312, 54.0860, 35.9018



41.0396, 54.0860, 62.6953



45.4773, 54.0860, 90.0509

Sweetspot

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



63.3898, 54.0885, 55.2439



85.3440, 85.0947, 91.7711



66.1685, 54.6068, 96.6756



17.9540, 17.7345, 19.0851



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.



63.3898, 54.0885, 55.2439



62.7703, 50.8845, 50.5286



66.5616, 62.9039, 48.6811



17.3865, 17.2819, 18.6250



21.2574, 10.9187, 2.7981



2.0046, 1.0256, 0.4478

Inverse Universe

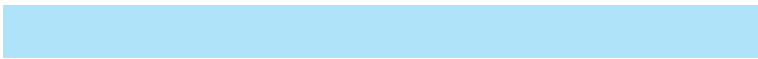
The Inverse Universe completely reimagines the original color for something new.



63.3898, 54.0885, 55.2439



62.7703, 50.8845, 50.5286



61.8890, 70.5052, 99.9699



17.3865, 17.2819, 18.6250



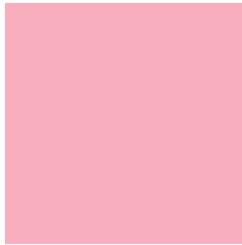
21.2574, 10.9187, 2.7981



2.0046, 1.0256, 0.4478

Previews

White Background



This preview shows how the XYZ color 63.3883, 54.0860, 55.2428 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 63.3883, 54.0860, 55.2428 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 63.3883, 54.0860, 55.2428

Background



This preview shows how black text looks on a background with the XYZ color 63.3883, 54.0860, 55.2428.



This preview shows how white text looks on a background with the XYZ color 63.3883, 54.0860,

55.2428.

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

63.3883, 54.0860, 55.2428

Protanopia

52.4821, 54.4895, 62.3950

Deuteranopia

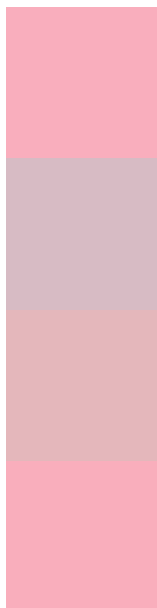
55.1650, 54.1105, 53.9912



Tritanopia

63.2801, 54.0427, 54.6730

Trichromacy



Original Color

63.3883, 54.0860, 55.2428

Protanomaly

55.7585, 53.9732, 59.7036

Deuteranomaly

57.8980, 53.9488, 54.3753

Tritanomaly

63.2801, 54.0427, 54.6730

Monochromacy



Original Color

63.3883, 54.0860, 55.2428

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.6632, 55.0870, 59.2761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3883, 54.0860, 55.2428 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(249, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(249, 174, 189)  
}
```

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(249, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 174, 189) }
```

Border

The CSS property to change the border of an element to XYZ 63.3883, 54.0860, 55.2428 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(249, 174, 189) }
```


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

```
.border{ border-color:rgb(249, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(249, 174,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3883, 54.0860, 55.2428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 174, 189) }
```

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

```
.background{ background-color: rgb(249,  
174, 189) }
```

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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