

Converting Colors

XYZ(63.4382, 54.4681, 45.5388)

Have a look what the booklet for
XYZ(63.4382, 54.4681, 45.5388)
contains.

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Color

**XYZ(63.3598, 54.2832,
45.6664)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAEAB
RGB	254, 174, 171
RGB Percent	100%, 68%, 67%
CMY	0.0039, 0.3176, 0.3294
CMYK	0.00, 0.31, 0.33, 0.00
HSL	2°, 98%, 83%
HSV	2°, 33%, 100%
XYZ	63.3598, 54.2832, 45.6664
YIQ	197.5780, 48.6430, 16.0270

Conversions

Conversions Part 2

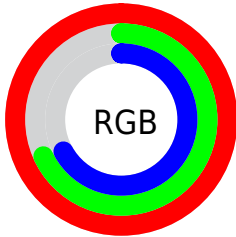
Format	Color
R _Y B	254, 174, 171
Decimal	16690859
CIE Lab	78.63, 28.91, 13.44
CIE LCh	79, 31.879, 24.940
Yxy	54.2832, 0.3880, 0.3324
Android (android.graphics.Color)	4294880939 (0xFFFEAEAB)
YUV	197.5780, -13.1030, 49.4821
Hunter-Lab	73.6771, 24.5689, 14.8250

Details

The XYZ color **63.3598, 54.2832, 45.6664** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.1800, 84.8051, 106.4889**, and the grayscale version is **53.4780, 56.2630, 61.2704**.

A 20% lighter version of the original color is **83.2643, 83.3446, 83.6501**, and **32.6728, 26.6088, 20.8667** is the 20% darker color. If you saturate the color by 10%, you get **56.8613, 44.7956, 32.6813**, and if you desaturate by 10%, it is **71.1882, 65.6858, 61.3910**.

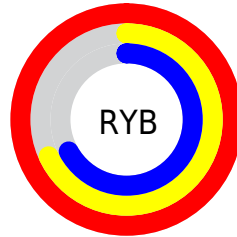
Distribution



Red (100%)

Green (68%)

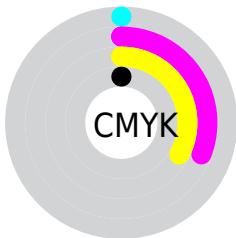
Blue (67%)



Red (100%)

Yellow (68%)

Blue (67%)

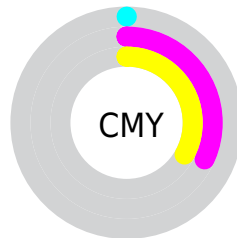


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3598, 54.2832, 45.6664 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 63.3598, 54.2832, 45.6664 by changing the saturation by 10% instead.


 63.3598, 54.2832,
45.6664

 63.3598, 54.2832,
45.6664


426.5130,
403.1890, 385.7044

 46.3921, 38.8281,
31.6359


 108.7673, 96.4899,
85.0485

 32.7613, 26.6260,
20.8210


137.9379,
124.0104, 111.2372

 22.1020, 17.2926,
12.8033


171.9067,
156.3214, 142.3157

 14.0489, 10.4433,
7.1641

211.0392,
193.8074, 178.7026

 8.2366, 5.6939,
3.4849

255.7007,
236.8528, 220.8164

 4.2998, 2.6598,
1.3473

306.2566,

 1.8731, 0.9568,

285.8419, 269.0756

0.1001

363.0723,
341.1592, 323.8987

■ 0.5611, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3598, 54.2832,
45.6664

■ 63.3598, 54.2832,
45.6664

■ 56.8613, 44.7956,
32.6813

■ 71.1882, 65.6858,
61.3910

■ 51.6149, 37.1106,
22.2761

■ 80.4102, 79.0920,
79.9960

■ 47.5412, 31.1167,
14.2796

■ 91.0905, 94.5943,
101.6163

■ 44.5501, 26.6861,
8.4986

■ 94.6831, 99.8109,
108.8828

■ 42.5382, 23.6736,
4.7104

■ 41.3821, 21.9061,
2.6456

■ 40.9729, 21.2705,
1.9461

Harmonies

Analogous

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



64.6075, 54.2832, 62.2139



63.3598, 54.2832, 45.6664



58.8605, 54.2832, 35.0393

Triad

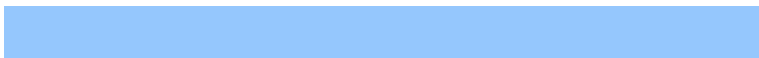
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.3598, 54.2832, 45.6664



42.3121, 54.2832, 41.3533



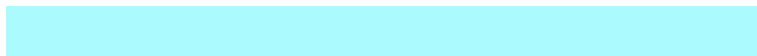
50.5349, 54.2832, 100.7696

Complementary

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



63.3598, 54.2832, 45.6664



69.1800, 84.8051, 106.4889

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.



44.9526, 54.2832, 92.2429



63.3598, 54.2832, 45.6664



40.4579, 54.2832, 56.1018

Square

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



63.3598, 54.2832, 45.6664



46.6596, 54.2832, 32.9268



41.3841, 54.2832, 74.9514



56.8657, 54.2832, 96.4157

Rectangle

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



63.3598, 54.2832, 45.6664



54.8021, 54.2832, 31.5642



41.3841, 54.2832, 74.9514



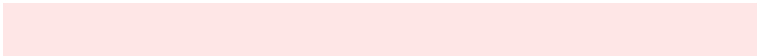
48.5146, 54.2832, 99.2716

Sweetspot

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



63.3612, 54.2858, 45.6675



83.8675, 83.7746, 86.2451



72.8857, 57.1770, 98.6547



17.6406, 17.4803, 17.8320



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.



63.3612, 54.2858, 45.6675



59.6268, 48.4932, 37.4705



72.5925, 72.7484, 48.7446



18.0621, 18.0924, 18.6845



21.6239, 11.2591, 1.0335



2.1232, 1.1317, 0.1065

Inverse Universe

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



69.1800, 84.8051, 106.4889



66.2954, 83.4872, 107.2282



57.6653, 61.7759, 102.6507



18.4952, 20.3619, 23.2054



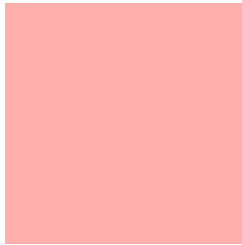
26.6397, 38.1890, 55.4017



2.6107, 3.7522, 5.3999

Previews

White Background



This preview shows how the XYZ color 63.3598, 54.2832, 45.6664 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 63.3598, 54.2832, 45.6664 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 63.3598, 54.2832, 45.6664

Background



This preview shows how black text looks on a background with the XYZ color 63.3598, 54.2832, 45.6664.



This preview shows how white text looks on a background with the XYZ color 63.3598, 54.2832,

45.6664.

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

63.3598, 54.2832, 45.6664

Protanopia

52.0924, 54.5175, 52.0333

Deuteranopia

55.4825, 54.4816, 44.6375



Tritanopia

64.7495, 54.2678, 52.9610

Trichromacy



Original Color

63.3598, 54.2832, 45.6664

Protanomaly

55.6250, 54.1272, 49.6353

Deuteranomaly

58.0266, 54.2240, 44.9441

Tritanomaly

64.4218, 54.4424, 50.2931

Monochromacy



Original Color

63.3598, 54.2832, 45.6664

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.1881, 54.9315, 55.2183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3598, 54.2832, 45.6664 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(254, 174, 171)` looks like.

```
.text, #text, p{  
    color:rgb(254, 174, 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(254, 174, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 174, 171) }
```

Border

The CSS property to change the border of an element to XYZ 63.3598, 54.2832, 45.6664 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(254, 174, 171) }
```


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

```
.border{ border-color:rgb(254, 174, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 174, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 174, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 174, 171);  
box-shadow:4px 4px 4px 4px rgb(254, 174,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3598, 54.2832, 45.6664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 174, 171) }
```

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

```
.background{ background-color: rgb(254,  
174, 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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