

Converting Colors

XYZ(70.8789, 58.2850, 45.6228)

Have a look what the booklet for
XYZ(70.8789, 58.2850, 45.6228)
contains.

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Color

**XYZ(63.6318, 54.4344,
45.1833)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFAEAA |
| RGB | 255, 174, 170 |
| RGB Percent | 100%, 68%, 67% |
| CMY | 0.0000, 0.3176, 0.3333 |
| CMYK | 0.00, 0.32, 0.33, 0.00 |
| HSL | 3°, 100%, 83% |
| HSV | 3°, 33%, 100% |
| XYZ | 63.6318, 54.4344, 45.1833 |
| YIQ | 197.7630, 49.5600, 15.9280 |

Conversions

Conversions Part 2

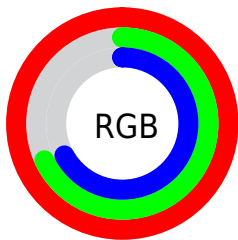
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 174, 170 |
| Decimal | 16756394 |
| CIE Lab | 78.71, 29.15, 14.12 |
| CIE LCh | 79, 32.393, 25.849 |
| Yxy | 54.4344, 0.3898, 0.3334 |
| Android (android.graphics.Color) | 4294946474 (0xFFFFAEAA) |
| YUV | 197.7630, -13.6872, 50.1968 |
| Hunter-Lab | 73.7797, 24.8342, 15.3361 |

Details

The XYZ color **63.6318, 54.4344, 45.1833** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.1233, 84.7572, 107.3243**, and the grayscale version is **53.5932, 56.3843, 61.4025**.

A 20% lighter version of the original color is **83.1274, 83.2899, 82.9294**, and **32.8723, 26.7185, 20.5642** is the 20% darker color. If you saturate the color by 10%, you get **57.1723, 45.0086, 32.2611**, and if you desaturate by 10%, it is **71.4110, 65.7506, 60.8548**.

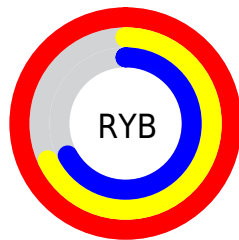
Distribution



Red (100%)

Green (68%)

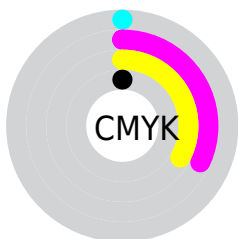
Blue (67%)



Red (100%)

Yellow (68%)

Blue (67%)

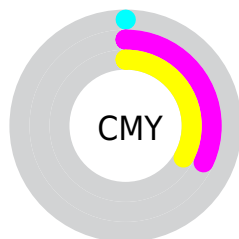


Cyan (0%)

Magenta (32%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6318, 54.4344, 45.1833 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 63.6318, 54.4344, 45.1833 by changing the saturation by 10% instead.


 63.6318, 54.4344,
45.1833

 63.6318, 54.4344,
45.1833


427.4821,
403.7643, 383.6972

 46.6131, 38.9491,
31.2578


 109.1572, 96.7118,
84.3168

 32.9366, 26.7201,
20.5351


138.3946,
124.2726, 110.3618

 22.2368, 17.3631,
12.5967


172.4356,
156.6274, 141.2839

 14.1486, 10.4937,
7.0240

211.6456,
194.1605, 177.5014

 8.3065, 5.7275,
3.3984

256.3898,
237.2564, 219.4329

 4.3451, 2.6801,
1.3015

307.0338,

 1.8992, 0.9671,

286.2994, 267.4971

0.0630

363.9428,
341.6739, 322.1123

■ 0.5764, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6318, 54.4344,
45.1833

■ 63.6318, 54.4344,
45.1833

■ 57.1723, 45.0086,
32.2611

■ 71.4110, 65.7506,
60.8548

■ 51.9554, 37.3631,
21.9266

■ 80.5731, 79.0441,
79.4179

■ 47.9026, 31.3882,
14.0065

■ 91.1823, 94.4061,
101.0091

■ 44.9242, 26.9590,
8.3049

95.0500, 100.0000,
108.9000

■ 42.9180, 23.9330,
4.5953

■ 41.7616, 22.1413,
2.6030

■ 41.3717, 21.5233,
1.9739

Harmonies

Analogous

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



65.0192, 54.4344, 61.8596



63.6318, 54.4344, 45.1833



58.9644, 54.4344, 34.6104

Triad

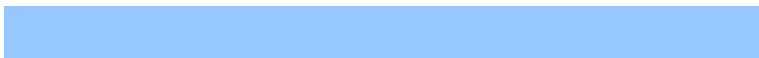
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.6318, 54.4344, 45.1833



42.2010, 54.4344, 41.5928



50.8520, 54.4344, 101.8667

Complementary

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



63.6318, 54.4344, 45.1833



69.1233, 84.7572, 107.3243

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.



45.1280, 54.4344, 93.5123



63.6318, 54.4344, 45.1833



40.4015, 54.4344, 56.7533

Square

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



63.6318, 54.4344, 45.1833



46.5523, 54.4344, 32.8573



41.4276, 54.4344, 76.0163



57.2958, 54.4344, 97.0151

Rectangle

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



63.6318, 54.4344, 45.1833



54.8079, 54.4344, 31.2258



41.4276, 54.4344, 76.0163



48.7855, 54.4344, 100.4702

Sweetspot

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



63.6331, 54.4370, 45.1844



83.9453, 83.9301, 86.2710



73.2121, 57.0488, 99.3868



17.6592, 17.5175, 17.8382



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.



63.6331, 54.4370, 45.1844



59.1836, 47.9476, 36.2725



72.8814, 72.9334, 48.2671



18.0780, 18.1242, 18.6898



21.6466, 11.3044, 1.0411



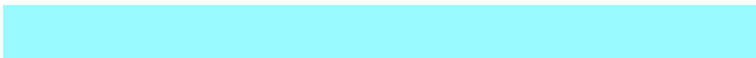
2.1307, 1.1468, 0.1091

Inverse Universe

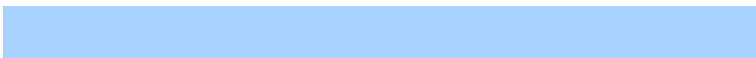
The Inverse Universe completely reimagines the original color for something new.



69.1233, 84.7572, 107.3243



65.4327, 82.4839, 107.0801



57.5924, 61.6953, 103.4807



18.4772, 20.3260, 23.1994



26.2082, 37.3260, 55.2579



2.5735, 3.6778, 5.3875

Previews

White Background



This preview shows how the XYZ color 63.6318, 54.4344, 45.1833 looks on a white background.

Color Contrast Check

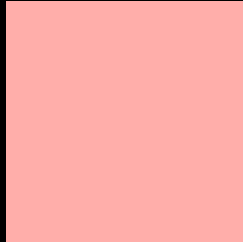
Large Text (above 18pt) WCAG AA × Fail

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 63.6318, 54.4344, 45.1833 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 63.6318, 54.4344, 45.1833

Background



This preview shows how black text looks on a background with the XYZ color 63.6318, 54.4344, 45.1833.



This preview shows how white text looks on a background with the XYZ color 63.6318, 54.4344,

45.1833.

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

63.6318, 54.4344, 45.1833

Protanopia

52.2127, 54.9230, 51.5653

Deuteranopia

55.6987, 54.6038, 44.1632



Tritanopia

64.7495, 54.2678, 52.9610

Trichromacy



Original Color

63.6318, 54.4344, 45.1833

Protanomaly

55.5249, 54.0871, 49.1084

Deuteranomaly

58.2623, 54.3563, 44.4668

Tritanomaly

64.4218, 54.4424, 50.2931

Monochromacy



Original Color

63.6318, 54.4344, 45.1833

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.4881, 55.0861, 55.2324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6318, 54.4344, 45.1833 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, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 170)  
}
```

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, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 170) }
```

Border

The CSS property to change the border of an element to XYZ 63.6318, 54.4344, 45.1833 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, 174, 170) }
```


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

```
.border{ border-color:rgb(255, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6318, 54.4344, 45.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 170) }
```

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

```
.background{ background-color: rgb(255,  
174, 170) }
```

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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