

Converting Colors

XYZ(65.0510, 55.3731, 45.3121)

Have a look what the booklet for
XYZ(65.0510, 55.3731, 45.3121)
contains.

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Color

**XYZ(63.8257, 54.8222,
45.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFAA
RGB	255, 175, 170
RGB Percent	100%, 69%, 67%
CMY	0.0000, 0.3137, 0.3333
CMYK	0.00, 0.31, 0.33, 0.00
HSL	4°, 100%, 83%
HSV	4°, 33%, 100%
XYZ	63.8257, 54.8222, 45.2480
YIQ	198.3500, 49.2850, 15.4050

Conversions

Conversions Part 2

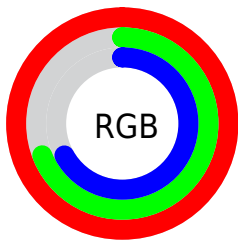
Format	Color
R _Y B	255, 175, 170
Decimal	16756650
CIE Lab	78.94, 28.63, 14.44
CIE LCh	79, 32.063, 26.765
Yxy	54.8222, 0.3894, 0.3345
Android (android.graphics.Color)	4294946730 (0xFFFFFAFA)
YUV	198.3500, -13.9765, 49.6821
Hunter-Lab	74.0420, 24.2970, 15.5966

Details

The XYZ color **63.8257, 54.8222, 45.2480** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.8119, 84.1343, 107.2205**, and the grayscale version is **53.9521, 56.7618, 61.8136**.

A 20% lighter version of the original color is **83.4065, 83.8481, 83.0225**, and **32.9945, 26.9628, 20.6049** is the 20% darker color. If you saturate the color by 10%, you get **57.3804, 45.4248, 32.3305**, and if you desaturate by 10%, it is **71.5717, 66.0720, 60.9084**.

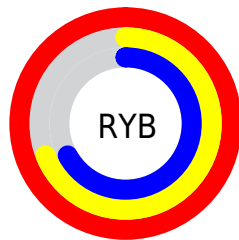
Distribution



Red (100%)

Green (69%)

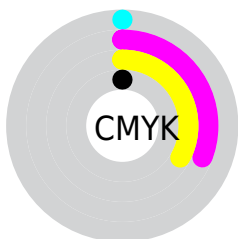
Blue (67%)



Red (100%)

Yellow (69%)

Blue (67%)

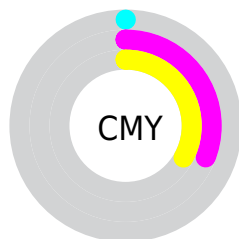


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8257, 54.8222, 45.2480 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 63.8257, 54.8222, 45.2480 by changing the saturation by 10% instead.


 63.8257, 54.8222,
45.2480

 63.8257, 54.8222,
45.2480


428.1721,
405.2376, 383.9664

 46.7707, 39.2594,
31.3084


 109.4350, 97.2804,
84.4148

 33.0616, 26.9616,
20.5734


138.7200,
124.9446, 110.4792

 22.3331, 17.5444,
12.6243


172.8124,
157.4113, 141.4222

 14.2198, 10.6234,
7.0427

212.0775,
195.0651, 177.6624

 8.3564, 5.8142,
3.4100

256.8806,
238.2902, 219.6185

 4.3776, 2.7324,
1.3076

307.5872,

 1.9179, 0.9937,

287.4710, 267.7088

0.0680

364.5626,
342.9920, 322.3519

■ 0.5872, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.8257, 54.8222,
45.2480

■ 63.8257, 54.8222,
45.2480

■ 57.3804, 45.4248,
32.3305

■ 71.5717, 66.0720,
60.9084

■ 52.1605, 37.7731,
21.9950

■ 80.6799, 79.2577,
79.4535

■ 48.0894, 31.7619,
14.0688

■ 91.2130, 94.4673,
101.0194

■ 45.0803, 27.2712,
8.3569

95.0500, 100.0000,
108.9000

■ 43.0338, 24.1645,
4.6339

■ 41.8316, 22.2813,
2.6263

■ 41.4110, 21.6021,
1.9870

Harmonies

Analogous

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



65.3171, 54.8222, 61.6937



63.8257, 54.8222, 45.2480



59.1122, 54.8222, 34.8966

Triad

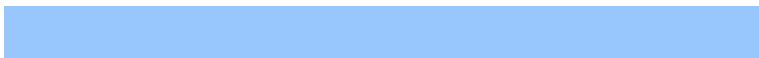
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.8257, 54.8222, 45.2480



42.5189, 54.8222, 42.4568



51.4187, 54.8222, 102.0097

Complementary

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



63.8257, 54.8222, 45.2480



68.8119, 84.1343, 107.2205

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.



45.6780, 54.8222, 94.1017



63.8257, 54.8222, 45.2480



40.8099, 54.8222, 57.7342

Square

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



63.8257, 54.8222, 45.2480



46.7835, 54.8222, 33.5307



41.9181, 54.8222, 76.9230



57.8194, 54.8222, 96.8088

Rectangle

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



63.8257, 54.8222, 45.2480



54.9617, 54.8222, 31.6431



41.9181, 54.8222, 76.9230



49.3526, 54.8222, 100.7629

Sweetspot

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



63.8271, 54.8248, 45.2491



84.0291, 84.0978, 86.2990



72.9882, 56.9592, 98.2077



17.6792, 17.5576, 17.8448



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.



63.8271, 54.8248, 45.2491



59.3890, 48.3583, 36.3409



73.2444, 73.6596, 48.3882



18.0952, 18.1586, 18.6956



21.6715, 11.3542, 1.0494



2.1389, 1.1631, 0.1118

Inverse Universe

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



68.8119, 84.1343, 107.2205



65.0606, 81.7399, 106.9561



57.2449, 61.0003, 103.3649



18.4579, 20.2873, 23.1930



25.7504, 36.4104, 55.1053



2.5340, 3.5986, 5.3743

Previews

White Background



This preview shows how the XYZ color 63.8257, 54.8222, 45.2480 looks on a white background.

Color Contrast Check

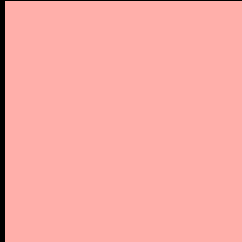
Large Text (above 18pt) WCAG AA × Fail

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 63.8257, 54.8222, 45.2480 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 63.8257, 54.8222, 45.2480

Background



This preview shows how black text looks on a background with the XYZ color 63.8257, 54.8222, 45.2480.



This preview shows how white text looks on a background with the XYZ color 63.8257, 54.8222,

45.2480.

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

63.8257, 54.8222, 45.2480

Protanopia

52.3819, 55.0220, 51.0395

Deuteranopia

56.1024, 54.8011, 44.6665



Tritanopia

65.0465, 54.6923, 53.5827

Trichromacy



Original Color

63.8257, 54.8222, 45.2480

Protanomaly

55.9439, 54.6306, 48.6705

Deuteranomaly

58.6870, 54.5644, 44.9750

Tritanomaly

64.6143, 54.8274, 50.3572

Monochromacy



Original Color

63.8257, 54.8222, 45.2480

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.7040, 55.5178, 55.3043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8257, 54.8222, 45.2480 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, 175, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 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, 175, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 170) }
```

Border

The CSS property to change the border of an element to XYZ 63.8257, 54.8222, 45.2480 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, 175, 170) }
```


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

```
.border{ border-color:rgb(255, 175, 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, 175, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8257, 54.8222, 45.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 170) }
```

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

```
.background{ background-color: rgb(255,  
175, 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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