

Converting Colors

XYZ(84.3495, 65.7919, 46.1844)

Have a look what the booklet for
XYZ(84.3495, 65.7919, 46.1844)
contains.

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Color

**XYZ(64.0210, 55.2129,
45.3131)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0AA
RGB	255, 176, 170
RGB Percent	100%, 69%, 67%
CMY	0.0000, 0.3098, 0.3333
CMYK	0.00, 0.31, 0.33, 0.00
HSL	4°, 100%, 83%
HSV	4°, 33%, 100%
XYZ	64.0210, 55.2129, 45.3131
YIQ	198.9370, 49.0100, 14.8820

Conversions

Conversions Part 2

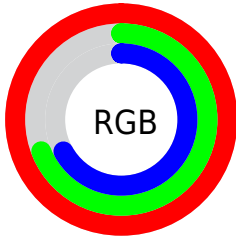
Format	Color
R _Y B	255, 176, 170
Decimal	16756906
CIE Lab	79.16, 28.10, 14.76
CIE LCh	79, 31.743, 27.700
Yxy	55.2129, 0.3891, 0.3355
Android (android.graphics.Color)	4294946986 (0xFFFFB0AA)
YUV	198.9370, -14.2659, 49.1673
Hunter-Lab	74.3054, 23.7599, 15.8574

Details

The XYZ color **64.0210, 55.2129, 45.3131** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.5020, 83.5144, 107.1172**, and the grayscale version is **54.3123, 57.1408, 62.2263**.

A 20% lighter version of the original color is **83.6872, 84.4095, 83.1160**, and **33.1179, 27.2097, 20.6460** is the 20% darker color. If you saturate the color by 10%, you get **57.5908, 45.8456, 32.4006**, and if you desaturate by 10%, it is **71.7331, 66.3948, 60.9622**.

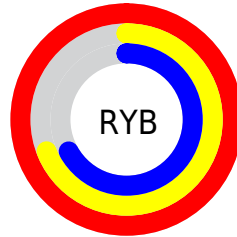
Distribution



Red (100%)

Green (69%)

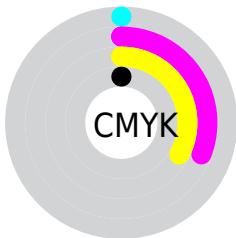
Blue (67%)



Red (100%)

Yellow (69%)

Blue (67%)

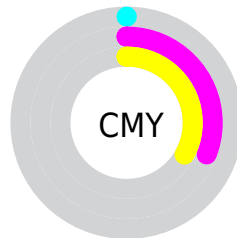


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0210, 55.2129, 45.3131 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 64.0210, 55.2129, 45.3131 by changing the saturation by 10% instead.


 64.0210, 55.2129,
45.3131

 64.0210, 55.2129,
45.3131


428.8665,
406.7185, 384.2372

 46.9294, 39.5722,
31.3594


 109.7147, 97.8528,
84.5135

 33.1876, 27.2052,
20.6119

139.0476,
125.6208, 110.5972

 22.4301, 17.7274,
12.6521


173.1917,
158.2001, 141.5613

 14.2916, 10.7544,
7.0615

212.5122,
195.9749, 177.8244

 8.4068, 5.9020,
3.4216

257.3746,
239.3298, 219.8050

 4.4103, 2.7856,
1.3137

308.1442,

 1.9368, 1.0208,

288.6491, 267.9217

0.0730

365.1864,
344.3172, 322.5929

■ 0.5981, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0210, 55.2129,
45.3131

■ 64.0210, 55.2129,
45.3131

■ 57.5908, 45.8456,
32.4006

■ 71.7331, 66.3948,
60.9622

■ 52.3688, 38.1898,
22.0644

■ 80.7869, 79.4717,
79.4892

■ 48.2806, 32.1443,
14.1325

■ 91.2435, 94.5284,
101.0295

■ 45.2417, 27.5939,
8.4107

95.0500, 100.0000,
108.9000

■ 43.1556, 24.4081,
4.6745

■ 41.9080, 22.4340,
2.6518

■ 41.4566, 21.6931,
2.0022

Harmonies

Analogous

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



65.6171, 55.2129, 61.5284



64.0210, 55.2129, 45.3131



59.2611, 55.2129, 35.1848

Triad

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



64.0210, 55.2129, 45.3131



42.8391, 55.2129, 43.3342



51.9909, 55.2129, 102.1546

Complementary

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



64.0210, 55.2129, 45.3131



68.5020, 83.5144, 107.1172

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.



46.2337, 55.2129, 94.6959



64.0210, 55.2129, 45.3131



41.2219, 55.2129, 58.7282

Square

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



64.0210, 55.2129, 45.3131



47.0162, 55.2129, 34.2143



42.4136, 55.2129, 77.8390



58.3477, 55.2129, 96.6039

Rectangle

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



64.0210, 55.2129, 45.3131



55.1165, 55.2129, 32.0647



42.4136, 55.2129, 77.8390



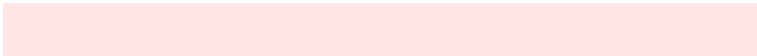
49.9254, 55.2129, 101.0581

Sweetspot

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



64.0224, 55.2155, 45.3142



84.1132, 84.2659, 86.3270



72.7659, 56.8703, 97.0373



17.6994, 17.5979, 17.8516



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.



64.0224, 55.2155, 45.3142



59.5964, 48.7731, 36.4101



73.6106, 74.3919, 48.5103



18.1124, 18.1930, 18.7013



21.6993, 11.4099, 1.0587



2.1470, 1.1794, 0.1145

Inverse Universe

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



68.5020, 83.5144, 107.1172



64.6909, 81.0004, 106.8328



56.9005, 60.3115, 103.2500



18.4386, 20.2487, 23.1865



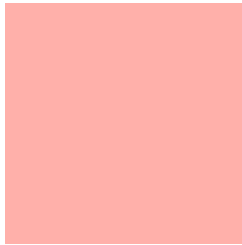
25.2999, 35.5093, 54.9551



2.4950, 3.5206, 5.3613

Previews

White Background



This preview shows how the XYZ color 64.0210, 55.2129, 45.3131 looks on a white background.

Color Contrast Check

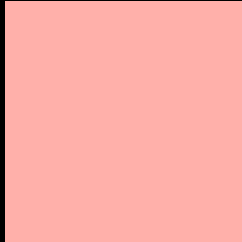
Large Text (above 18pt) WCAG AA × Fail

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 64.0210, 55.2129, 45.3131 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 64.0210, 55.2129, 45.3131

Background



This preview shows how black text looks on a background with the XYZ color 64.0210, 55.2129, 45.3131.



This preview shows how white text looks on a background with the XYZ color 64.0210, 55.2129,

45.3131.

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

64.0210, 55.2129, 45.3131

Protanopia

52.8800, 55.6125, 51.1272

Deuteranopia

56.6295, 55.3911, 44.7526



Tritanopia

65.3457, 55.1200, 54.2088

Trichromacy



Original Color

64.0210, 55.2129, 45.3131

Protanomaly

56.4655, 55.2178, 48.7563

Deuteranomaly

59.2270, 55.1501, 45.0595

Tritanomaly

64.9105, 55.2561, 50.9604

Monochromacy



Original Color

64.0210, 55.2129, 45.3131

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.9213, 55.9525, 55.3768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0210, 55.2129, 45.3131 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, 176, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 170) }
```

Border

The CSS property to change the border of an element to XYZ 64.0210, 55.2129, 45.3131 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, 176, 170) }
```


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

```
.border{ border-color:rgb(255, 176, 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, 176, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0210, 55.2129, 45.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 170) }
```

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

```
.background{ background-color: rgb(255,  
176, 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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