

Converting Colors

XYZ(65.9873, 56.9971, 45.7901)

Have a look what the booklet for
XYZ(65.9873, 56.9971, 45.7901)
contains.

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Color

**XYZ(64.6158, 56.4025,
45.5114)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3AA
RGB	255, 179, 170
RGB Percent	100%, 70%, 67%
CMY	0.0000, 0.2980, 0.3333
CMYK	0.00, 0.30, 0.33, 0.00
HSL	6°, 100%, 83%
HSV	6°, 33%, 100%
XYZ	64.6158, 56.4025, 45.5114
YIQ	200.6980, 48.1850, 13.3130

Conversions

Conversions Part 2

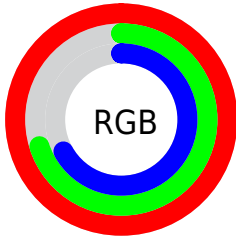
Format	Color
R _Y B	255, 180, 170
Decimal	16757674
CIE Lab	79.84, 26.53, 15.71
CIE LCh	80, 30.834, 30.626
Yxy	56.4025, 0.3880, 0.3387
Android (android.graphics.Color)	4294947754 (0xFFFFB3AA)
YUV	200.6980, -15.1341, 47.6229
Hunter-Lab	75.1016, 22.1498, 16.6415

Details

The XYZ color **64.6158, 56.4025, 45.5114** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.5821, 81.6746, 106.8106**, and the grayscale version is **55.4015, 58.2867, 63.4742**.

A 20% lighter version of the original color is **84.5389, 86.1129, 83.3999**, and **33.4958, 27.9655, 20.7720** is the 20% darker color. If you saturate the color by 10%, you get **58.2359, 47.1359, 32.6157**, and if you desaturate by 10%, it is **72.2219, 67.3725, 61.1252**.

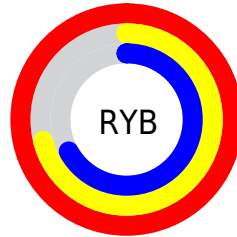
Distribution



Red (100%)

Green (70%)

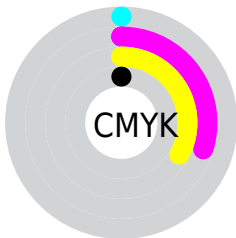
Blue (67%)



Red (100%)

Yellow (71%)

Blue (67%)

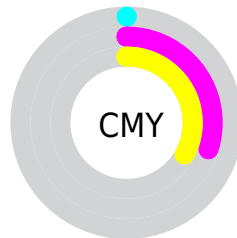


Cyan (0%)

Magenta (30%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6158, 56.4025, 45.5114 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 64.6158, 56.4025, 45.5114 by changing the saturation by 10% instead.

 64.6158, 56.4025,
45.5114

 64.6158, 56.4025,
45.5114


430.9771,
411.2066, 385.0612

 47.4132, 40.5257,
31.5146


 110.5661, 99.5928,
84.8139

 33.5717, 27.9487,
20.7292


140.0445,
127.6752, 110.9565

 22.7261, 18.2870,
12.7369


174.3455,
160.5948, 141.9849

 14.5110, 11.1562,
7.1190

213.8344,
198.7362, 178.3175

 8.5610, 6.1720,
3.4571

258.8767,
242.4837, 220.3729

 4.5107, 2.9500,
1.3325

309.8377,

 1.9949, 1.1057,

292.2216, 268.5696

0.0882

367.0827,
348.3345, 323.3262

■ 0.6311, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.6158, 56.4025,
45.5114

■ 64.6158, 56.4025,
45.5114

■ 58.2359, 47.1359,
32.6157

■ 72.2219, 67.3725,
61.1252

■ 53.0136, 39.4794,
22.2794

■ 81.1095, 80.1168,
79.5968

■ 48.8802, 33.3435,
14.3324

■ 91.3354, 94.7122,
101.0603

■ 45.7578, 28.6262,
8.5828

95.0500, 100.0000,
108.9000

■ 43.5581, 25.2130,
4.8087

■ 42.1768, 22.9718,
2.7414

■ 41.6323, 22.0446,
2.0608

Harmonies

Analogous

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



66.5300, 56.4025, 61.0376



64.6158, 56.4025, 45.5114



59.7149, 56.4025, 36.0619

Triad

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



64.6158, 56.4025, 45.5114



43.8140, 56.4025, 46.0466



53.7402, 56.4025, 102.6013

Complementary

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



64.6158, 56.4025, 45.5114



67.5821, 81.6746, 106.8106

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.



47.9340, 56.4025, 96.5063



64.6158, 56.4025, 45.5114



42.4794, 56.4025, 61.7894

Square

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



64.6158, 56.4025, 45.5114



47.7233, 56.4025, 36.3261



43.9288, 56.4025, 80.6437



59.9595, 56.4025, 95.9992

Rectangle

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



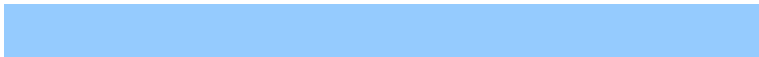
64.6158, 56.4025, 45.5114



55.5878, 56.4025, 33.3553



43.9288, 56.4025, 80.6437



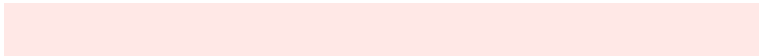
51.6775, 56.4025, 101.9593

Sweetspot

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



64.6173, 56.4052, 45.5125



84.3662, 84.7719, 86.4113



72.3264, 56.6946, 94.7229



17.7600, 17.7191, 17.8718



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.



64.6173, 56.4052, 45.5125



60.2306, 50.0416, 36.6215



74.3524, 75.8755, 48.7576



18.1642, 18.2966, 18.7186



21.8036, 11.6184, 1.0934



2.1714, 1.2282, 0.1226

Inverse Universe

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



67.5821, 81.6746, 106.8106



63.5958, 78.8103, 106.4678



56.2210, 58.9524, 103.0235



18.3808, 20.1332, 23.1673



23.9922, 32.8939, 54.5192



2.3812, 3.2932, 5.3234

Previews

White Background



This preview shows how the XYZ color 64.6158, 56.4025, 45.5114 looks on a white background.

Color Contrast Check

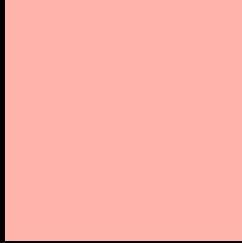
Large Text (above 18pt) WCAG AA × Fail

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 64.6158, 56.4025, 45.5114 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 64.6158, 56.4025, 45.5114

Background



This preview shows how black text looks on a background with the XYZ color 64.6158, 56.4025, 45.5114.



This preview shows how white text looks on a background with the XYZ color 64.6158, 56.4025,

45.5114.

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

64.6158, 56.4025, 45.5114

Protanopia

53.8859, 56.8053, 51.3044

Deuteranopia

57.6936, 56.5827, 44.9266



Tritanopia

66.2564, 56.4220, 56.1136

Trichromacy



Original Color

64.6158, 56.4025, 45.5114

Protanomaly

57.2077, 56.2435, 48.9152

Deuteranomaly

60.1917, 56.5824, 45.2852

Tritanomaly

65.7076, 56.5197, 52.2460

Monochromacy



Original Color

64.6158, 56.4025, 45.5114

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.1830, 57.2298, 56.6951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6158, 56.4025, 45.5114 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, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 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, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 170) }
```

Border

The CSS property to change the border of an element to XYZ 64.6158, 56.4025, 45.5114 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, 179, 170) }
```


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

```
.border{ border-color:rgb(255, 179, 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, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6158, 56.4025, 45.5114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 170) }
```

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

```
.background{ background-color: rgb(255,  
179, 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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