

Converting Colors

XYZ(64.7805, 55.7656, 46.8428)

Have a look what the booklet for
XYZ(64.7805, 55.7656, 46.8428)
contains.

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Color

**XYZ(64.5050, 55.7214,
46.8907)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1AD
RGB	255, 177, 173
RGB Percent	100%, 69%, 68%
CMY	0.0000, 0.3059, 0.3216
CMYK	0.00, 0.31, 0.32, 0.00
HSL	3°, 100%, 84%
HSV	3°, 32%, 100%
XYZ	64.5050, 55.7214, 46.8907
YIQ	199.8660, 47.7720, 15.2920

Conversions

Conversions Part 2

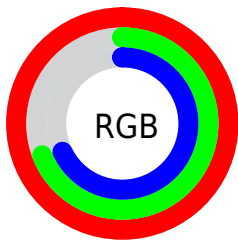
Format	Color
R _Y B	255, 177, 173
Decimal	16757165
CIE Lab	79.45, 27.95, 13.54
CIE LCh	79, 31.060, 25.854
Yxy	55.7214, 0.3860, 0.3334
Android (android.graphics.Color)	4294947245 (0xFFFFB1AD)
YUV	199.8660, -13.2449, 48.3525
Hunter-Lab	74.6468, 23.6165, 15.0087

Details

The XYZ color **64.5050, 55.7214, 46.8907** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.7795, 85.0956, 107.3551**, and the grayscale version is **54.8768, 57.7347, 62.8731**.

A 20% lighter version of the original color is **84.3825, 85.1393, 85.3849**, and **33.4238, 27.5315, 21.6417** is the 20% darker color. If you saturate the color by 10%, you get **57.8966, 46.0837, 33.6540**, and if you desaturate by 10%, it is **72.4385, 67.2554, 62.8935**.

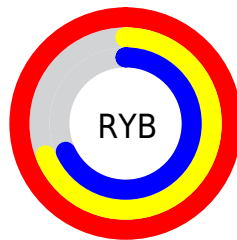
Distribution



Red (100%)

Green (69%)

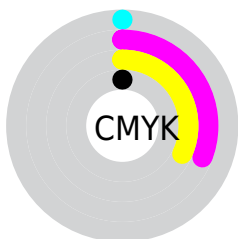
Blue (68%)



Red (100%)

Yellow (69%)

Blue (68%)

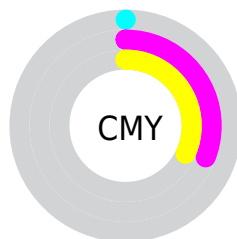


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5050, 55.7214, 46.8907 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 64.5050, 55.7214, 46.8907 by changing the saturation by 10% instead.


 64.5050, 55.7214,
46.8907

 64.5050, 55.7214,
46.8907


430.5844,
408.6407, 390.7592

 47.3230, 39.9796,
32.5955


 110.4076, 98.5971,
86.8987

 33.5001, 27.5226,
21.5482


139.8589,
126.4998, 113.4487

 22.6709, 17.9661,
13.3302


174.1307,
159.2249, 144.9206

 14.4700, 10.9257,
7.5229

213.5883,
197.1569, 181.7331

 8.5322, 6.0169,
3.7079

258.5971,
240.6800, 224.3046

 4.4920, 2.8553,
1.4665

309.5225,

 1.9841, 1.0567,

290.1788, 273.0538

0.1928

366.7298,
346.0376, 328.3992

■ 0.6250, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5050, 55.7214,
46.8907

■ 64.5050, 55.7214,
46.8907

■ 57.8966, 46.0837,
33.6540

■ 72.4385, 67.2554,
62.8935

■ 52.5372, 38.2336,
23.0236

■ 81.7595, 80.7714,
81.8032

■ 48.3493, 32.0634,
14.8283

■ 92.5314, 96.3592,
103.7553

■ 45.2452, 27.4506,
8.8753

95.0500, 100.0000,
108.9000

■ 43.1247, 24.2560,
4.9425

■ 41.8689, 22.3157,
2.7625

■ 41.3771, 21.5341,
1.9757

Harmonies

Analogous

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



65.8476, 55.7214, 63.1887



64.5050, 55.7214, 46.8907



59.9832, 55.7214, 36.4516

Triad

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



64.5050, 55.7214, 46.8907



43.6423, 55.7214, 43.3605



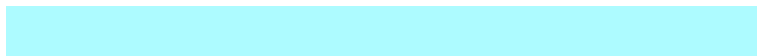
52.0991, 55.7214, 101.7850

Complementary

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



64.5050, 55.7214, 46.8907



69.7795, 85.0956, 107.3551

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.



46.5104, 55.7214, 93.7712



64.5050, 55.7214, 46.8907



41.8769, 55.7214, 58.2213

Square

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



64.5050, 55.7214, 46.8907



47.9014, 55.7214, 34.7117



42.8845, 55.7214, 76.9171



58.3660, 55.7214, 97.1304

Rectangle

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



64.5050, 55.7214, 46.8907



55.9472, 55.7214, 33.0862



42.8845, 55.7214, 76.9171



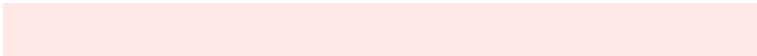
50.0840, 55.7214, 100.4471

Sweetspot

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



64.5064, 55.7240, 46.8918



83.9575, 83.9546, 86.2751



73.7968, 58.1929, 99.6600



17.6621, 17.5233, 17.8391



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.



64.5064, 55.7240, 46.8918



59.8443, 48.9282, 37.5430



73.5273, 73.7659, 49.8988



18.0805, 18.1292, 18.6907



21.6502, 11.3116, 1.0423



2.1319, 1.1492, 0.1095

Inverse Universe

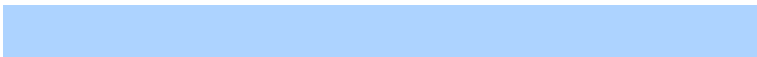
The Inverse Universe completely reimagines the original color for something new.



69.7795, 85.0956, 107.3551



65.9033, 82.7029, 107.0975



58.6446, 62.8259, 103.6434



18.4744, 20.3203, 23.1985



26.1408, 37.1911, 55.2354



2.5677, 3.6661, 5.3856

Previews

White Background



This preview shows how the XYZ color 64.5050, 55.7214, 46.8907 looks on a white background.

Color Contrast Check

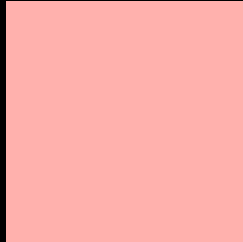
Large Text (above 18pt) WCAG AA × Fail

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 64.5050, 55.7214, 46.8907 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 64.5050, 55.7214, 46.8907

Background



This preview shows how black text looks on a background with the XYZ color 64.5050, 55.7214, 46.8907.



This preview shows how white text looks on a background with the XYZ color 64.5050, 55.7214,

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

64.5050, 55.7214, 46.8907

Protanopia

53.4153, 56.1888, 52.8300

Deuteranopia

57.1282, 55.9359, 46.3138



Tritanopia

65.6471, 55.5508, 54.8393

Trichromacy



Original Color

64.5050, 55.7214, 46.8907

Protanomaly

56.9816, 55.7696, 50.4092

Deuteranomaly

59.7204, 55.6810, 46.6296

Tritanomaly

65.3126, 55.7296, 52.1143

Monochromacy



Original Color

64.5050, 55.7214, 46.8907

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.6591, 56.6326, 56.6074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5050, 55.7214, 46.8907 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, 177, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 173)  
}
```

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, 177, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 173) }
```

Border

The CSS property to change the border of an element to XYZ 64.5050, 55.7214, 46.8907 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, 177, 173) }
```


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

```
.border{ border-color:rgb(255, 177, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5050, 55.7214, 46.8907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 173) }
```

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

```
.background{ background-color: rgb(255,  
177, 173) }
```

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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