

Converting Colors

XYZ(64.6522, 55.8680, 49.1813)

Have a look what the booklet for
XYZ(64.6522, 55.8680, 49.1813)
contains.

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Color

**XYZ(64.5310, 55.6894,
48.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB1B1
RGB	254, 177, 177
RGB Percent	100%, 69%, 69%
CMY	0.0039, 0.3059, 0.3059
CMYK	0.00, 0.30, 0.30, 0.00
HSL	0°, 97%, 85%
HSV	0°, 30%, 100%
XYZ	64.5310, 55.6894, 48.9430
YIQ	200.0230, 45.8920, 16.3240

Conversions

Conversions Part 2

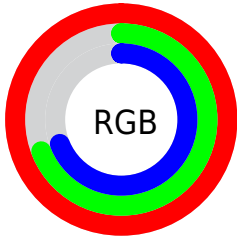
Format	Color
R _Y B	254, 177, 177
Decimal	16691633
CIE Lab	79.44, 28.09, 11.34
CIE LCh	79, 30.292, 21.986
Yxy	55.6894, 0.3815, 0.3292
Android (android.graphics.Color)	4294881713 (0xFFFE _{B1} B1)
YUV	200.0230, -11.3503, 47.3378
Hunter-Lab	74.6253, 23.7605, 13.3524

Details

The XYZ color **64.5310, 55.6894, 48.9430** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.4615, 87.3837, 106.8665**, and the grayscale version is **54.9631, 57.8254, 62.9719**.

A 20% lighter version of the original color is **85.0869, 85.4210, 89.0941**, and **33.6107, 27.6063, 22.6259** is the 20% darker color. If you saturate the color by 10%, you get **57.6727, 45.6543, 35.3073**, and if you desaturate by 10%, it is **72.7970, 67.7854, 65.3737**.

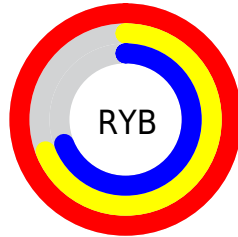
Distribution



Red (100%)

Green (69%)

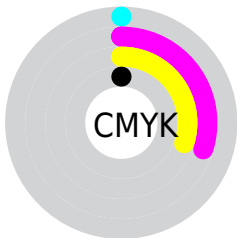
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

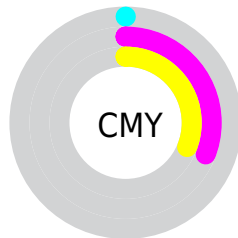


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5310, 55.6894, 48.9430 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 64.5310, 55.6894, 48.9430 by changing the saturation by 10% instead.


 64.5310, 55.6894,
48.9430

 64.5310, 55.6894,
48.9430


430.6766,
408.5199, 399.1339

 47.3442, 39.9540,
34.2090


 110.4448, 98.5503,
89.9869

 33.5169, 27.5026,
22.7755


139.9024,
126.4445, 117.1339

 22.6838, 17.9511,
14.2241


174.1811,
159.1605, 149.2556

 14.4796, 10.9149,
8.1362

213.6461,
197.0826, 186.7705

 8.5389, 6.0096,
4.0932

258.6628,
240.5952, 230.0973

 4.4964, 2.8509,
1.6766


309.5965,

 1.9866, 1.0544,


290.0827, 279.6544


0.3446

366.8126,
345.9294, 335.8604


 0.6264, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000

 64.5310, 55.6894,
48.9430


 64.5310, 55.6894,
48.9430


 57.6727, 45.6543,
35.3073


 72.7970, 67.7854,
65.3737

 52.1397, 37.5578,
24.3082

 82.5385, 82.0398,
84.7394

 47.8477, 31.2773,
15.7762

 93.8238, 98.5534,
107.1745

 44.7011, 26.6727,
9.5212

94.6831, 99.8109,
108.8828

■ 42.5901, 23.5836,
5.3251

■ 41.3838, 21.8183,
2.9275

■ 40.8733, 21.0712,
1.9129

Harmonies

Analogous

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



65.3749, 55.6894, 65.4256



64.5310, 55.6894, 48.9430



60.4638, 55.6894, 37.8939

Triad

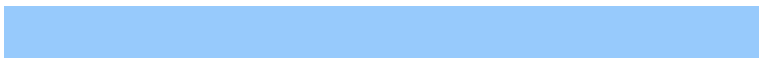
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.5310, 55.6894, 48.9430



44.2427, 55.6894, 42.2625



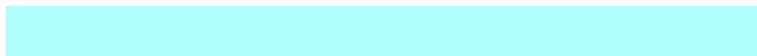
51.3177, 55.6894, 100.2099

Complementary

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



64.5310, 55.6894, 48.9430



71.4615, 87.3837, 106.8665

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.



46.0516, 55.6894, 91.0322



64.5310, 55.6894, 48.9430



42.1760, 55.6894, 56.0866

Square

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



64.5310, 55.6894, 48.9430



48.6729, 55.6894, 34.5828



42.8119, 55.6894, 74.0578



57.4307, 55.6894, 97.2914

Rectangle

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



64.5310, 55.6894, 48.9430



56.6301, 55.6894, 34.0396



42.8119, 55.6894, 74.0578



49.3968, 55.6894, 98.3837

Sweetspot

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



64.5325, 55.6920, 48.9441



84.6837, 84.8312, 88.2919



74.4850, 59.6715, 101.3581



17.7929, 17.6702, 18.2363



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.



64.5325, 55.6920, 48.9441



61.0026, 50.1791, 41.2147



73.2373, 73.1016, 51.8457



18.0096, 17.9873, 18.6670



21.5489, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

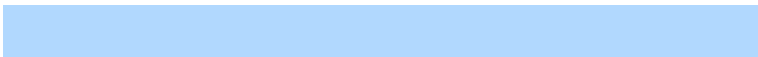
The Inverse Universe completely reimagines the original color for something new.



71.4615, 87.3837, 106.8665



68.9534, 86.5439, 107.6782



60.4494, 65.3594, 103.1957



18.5548, 20.4813, 23.2253



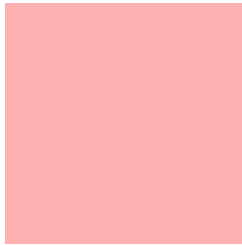
28.1142, 41.1380, 55.8932



2.7374, 4.0055, 5.4421

Previews

White Background



This preview shows how the XYZ color 64.5310, 55.6894, 48.9430 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 64.5310, 55.6894, 48.9430 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 64.5310, 55.6894, 48.9430

Background



This preview shows how black text looks on a background with the XYZ color 64.5310, 55.6894, 48.9430.



This preview shows how white text looks on a background with the XYZ color 64.5310, 55.6894,

48.9430.

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

64.5310, 55.6894, 48.9430

Protanopia

53.3382, 55.7642, 54.9661

Deuteranopia

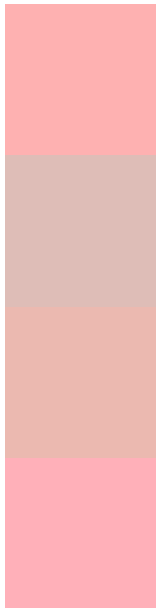
56.8918, 55.7694, 48.3235



Tritanopia

65.7553, 55.5941, 55.4092

Trichromacy



Original Color

64.5310, 55.6894, 48.9430

Protanomaly

56.8690, 55.3437, 52.4848

Deuteranomaly

59.4464, 55.4947, 48.6527

Tritanomaly

65.5223, 55.8135, 53.2186

Monochromacy



Original Color

64.5310, 55.6894, 48.9430

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.8793, 56.7207, 57.7668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5310, 55.6894, 48.9430 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(254, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 177, 177)  
}
```

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(254, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 177, 177) }
```

Border

The CSS property to change the border of an element to XYZ 64.5310, 55.6894, 48.9430 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(254, 177, 177) }
```


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

```
.border{ border-color:rgb(254, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 177,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5310, 55.6894, 48.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 177, 177) }
```

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

```
.background{ background-color: rgb(254,  
177, 177) }
```

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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