

Converting Colors

XYZ(64.8748, 55.8447, 48.9140)

Have a look what the booklet for
XYZ(64.8748, 55.8447, 48.9140)
contains.

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Color

**XYZ(64.8980, 55.8786,
48.9601)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1B1
RGB	255, 177, 177
RGB Percent	100%, 69%, 69%
CMY	0.0000, 0.3059, 0.3059
CMYK	0.00, 0.31, 0.31, 0.00
HSL	0°, 100%, 85%
HSV	0°, 31%, 100%
XYZ	64.8980, 55.8786, 48.9601
YIQ	200.3220, 46.4880, 16.5360

Conversions

Conversions Part 2

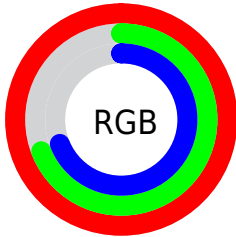
Format	Color
R _Y B	255, 177, 177
Decimal	16757169
CIE Lab	79.54, 28.45, 11.51
CIE LCh	80, 30.694, 22.022
Yxy	55.8786, 0.3823, 0.3292
Android (android.graphics.Color)	4294947249 (0xFFFFB1B1)
YUV	200.3220, -11.4977, 47.9526
Hunter-Lab	74.7520, 24.1537, 13.4934

Details

The XYZ color **64.8980, 55.8786, 48.9601** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.9401, 88.0840, 107.8180**, and the grayscale version is **55.1480, 58.0200, 63.1838**.

A 20% lighter version of the original color is **85.0869, 85.4210, 89.0941**, and **33.8717, 27.7409, 22.6381** is the 20% darker color. If you saturate the color by 10%, you get **58.0153, 45.8078, 35.2761**, and if you desaturate by 10%, it is **73.1993, 68.0264, 65.4612**.

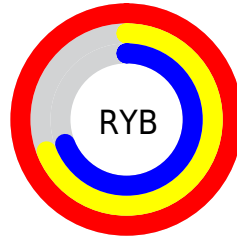
Distribution



Red (100%)

Green (69%)

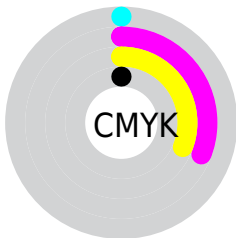
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

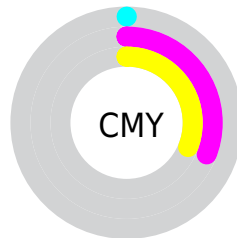


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.8980, 55.8786, 48.9601 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 64.8980, 55.8786, 48.9601 by changing the saturation by 10% instead.


 64.8980, 55.8786,
48.9601

 64.8980, 55.8786,
48.9601


431.9763,
409.2338, 399.2032

 47.6428, 40.1056,
34.2224


 110.9697, 98.8271,
90.0126

 33.7541, 27.6209,
22.7858


140.5169,
126.7713, 117.1645

 22.8668, 18.0401,
14.2316

174.8922,
159.5414, 149.2915

 14.6153, 10.9788,
8.1413

214.4608,
197.5218, 186.8123

 8.6344, 6.0526,
4.0965

259.5882,
241.0968, 230.1453

 4.5587, 2.8771,
1.6784

310.6397,

 2.0228, 1.0679,

290.6509, 279.7091

0.3459

367.9806,
346.5685, 335.9222

■ 0.6467, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.8980, 55.8786,
48.9601

■ 64.8980, 55.8786,
48.9601

■ 58.0153, 45.8078,
35.2761

■ 73.1993, 68.0264,
65.4612

■ 52.4681, 37.6906,
24.2487

■ 82.9880, 82.3500,
84.9209

■ 48.1710, 31.4026,
15.7066

■ 94.3334, 98.9514,
107.4753

■ 45.0270, 26.8020,
9.4569

■ 95.0500, 100.0000,
108.9000

■ 42.9250, 23.7259,
5.2787

■ 41.7319, 21.9799,
2.9073

■ 41.2402, 21.2604,
1.9301

Harmonies

Analogous

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



65.7607, 55.8786, 65.6859



64.8980, 55.8786, 48.9601



60.7588, 55.8786, 37.7787

Triad

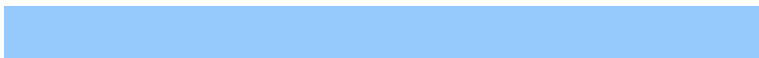
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.8980, 55.8786, 48.9601



44.2894, 55.8786, 42.2218



51.4797, 55.8786, 101.1204

Complementary

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



64.8980, 55.8786, 48.9601



71.9401, 88.0840, 107.8180

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.



46.1334, 55.8786, 91.7807



64.8980, 55.8786, 48.9601



42.1972, 55.8786, 56.2429

Square

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



64.8980, 55.8786, 48.9601



48.7814, 55.8786, 34.4461



42.8452, 55.8786, 74.5064



57.6893, 55.8786, 98.1306

Rectangle

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



64.8980, 55.8786, 48.9601



56.8613, 55.8786, 33.8875



42.8452, 55.8786, 74.5064



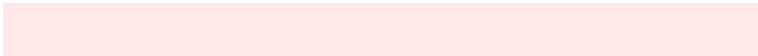
49.5292, 55.8786, 99.2638

Sweetspot

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



64.8993, 55.8812, 48.9612



84.6837, 84.8313, 88.2919



75.0124, 59.9248, 102.2208



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.



64.8993, 55.8812, 48.9612



60.3271, 49.1906, 39.8718



73.7320, 73.5464, 51.9054



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.



71.9401, 88.0840, 107.8180



68.4355, 86.2768, 107.6539



60.7378, 65.6793, 104.0839



18.5548, 20.4813, 23.2253



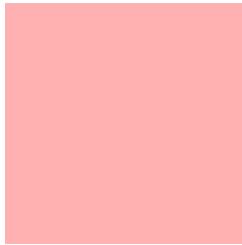
28.1141, 41.1378, 55.8932



2.7374, 4.0055, 5.4421

Previews

White Background



This preview shows how the XYZ color 64.8980, 55.8786, 48.9601 looks on a white background.

Color Contrast Check

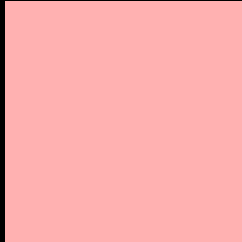
Large Text (above 18pt) WCAG AA × Fail

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 64.8980, 55.8786, 48.9601 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 64.8980, 55.8786, 48.9601

Background



This preview shows how black text looks on a background with the XYZ color 64.8980, 55.8786, 48.9601.



This preview shows how white text looks on a background with the XYZ color 64.8980, 55.8786,

48.9601.

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

64.8980, 55.8786, 48.9601

Protanopia

53.5645, 56.2169, 55.0415

Deuteranopia

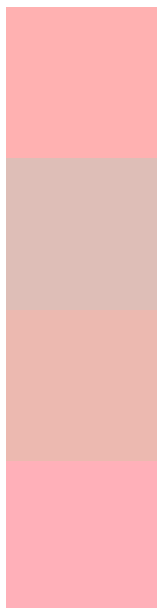
57.2027, 55.9296, 48.3380



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

64.8980, 55.8786, 48.9601

Protanomaly

57.0849, 55.7754, 52.5568

Deuteranomaly

59.7775, 55.6654, 48.6682

Tritanomaly

65.5223, 55.8135, 53.2186

Monochromacy



Original Color

64.8980, 55.8786, 48.9601

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 64.8980, 55.8786, 48.9601 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 177, 177) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 64.8980, 55.8786, 48.9601 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, 177) }
```


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

```
.border{ border-color:rgb(255, 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(255, 177, 177)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 64.8980, 55.8786, 48.9601 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, 177) }
```

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

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