

Converting Colors

XYZ(68.3774, 58.1194, 44.0032)

Have a look what the booklet for
XYZ(68.3774, 58.1194, 44.0032)
contains.

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Color

**XYZ(64.1354, 55.8908,
43.9669)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2A7
RGB	255, 178, 167
RGB Percent	100%, 70%, 65%
CMY	0.0000, 0.3019, 0.3451
CMYK	0.00, 0.30, 0.35, 0.00
HSL	8°, 100%, 83%
HSV	8°, 35%, 100%
XYZ	64.1354, 55.8908, 43.9669
YIQ	199.7690, 49.4230, 12.9030

Conversions

Conversions Part 2

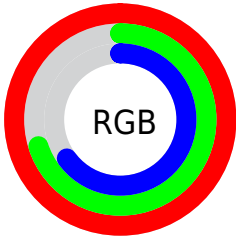
Format	Color
R _Y B	255, 180, 167
Decimal	16757415
CIE Lab	79.55, 26.69, 16.92
CIE LCh	80, 31.603, 32.366
Yxy	55.8908, 0.3911, 0.3408
Android (android.graphics.Color)	4294947495 (0xFFFFB2A7)
YUV	199.7690, -16.1551, 48.4376
Hunter-Lab	74.7601, 22.3017, 17.4633

Details

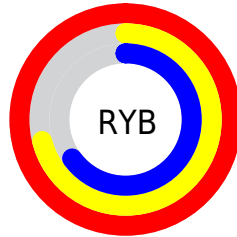
The XYZ color **64.1354, 55.8908, 43.9669** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.3357, 80.1338, 106.5788**, and the grayscale version is **54.8338, 57.6894, 62.8238**.

A 20% lighter version of the original color is **83.8476, 85.3796, 81.1679**, and **33.1931, 27.6408, 19.8054** is the 20% darker color. If you saturate the color by 10%, you get **57.9226, 46.8730, 31.3899**, and if you desaturate by 10%, it is **71.5380, 66.5438, 59.2347**.

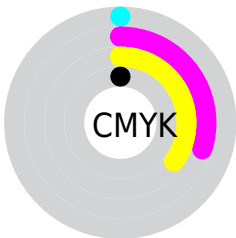
Distribution



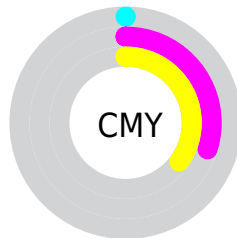
- Red (100%)
- Green (70%)
- Blue (65%)



- Red (100%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (30%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1354, 55.8908, 43.9669 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 64.1354, 55.8908, 43.9669 by changing the saturation by 10% instead.


 64.1354, 55.8908,
43.9669


 64.1354, 55.8908,
43.9669


429.2729,
409.2798, 378.6106

 47.0224, 40.1154,
30.3075


 109.8786, 98.8449,
82.4699

 33.2614, 27.6285,
19.8181


 139.2395,
126.7924, 108.1505

 22.4870, 18.0458,
12.0801


173.4137,
159.5660, 138.6753

 14.3338, 10.9829,
6.6751

212.7667,
197.5501, 174.4628

 8.4364, 6.0553,
3.1844

257.6638,
241.1292, 215.9316

 4.4296, 2.8788,
1.1895

308.4702,

 1.9479, 1.0688,

290.6875, 263.5001

0.0000

365.5515,
346.6096, 317.5869

0.6045, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

64.1354, 55.8908,
43.9669

64.1354, 55.8908,
43.9669

57.9226, 46.8730,
31.3899

71.5380, 66.5438,
59.2347

52.8327, 39.4016,
21.3441

80.1836, 78.8990,
77.3335

48.7994, 33.3917,
13.6584

90.1275, 93.0295,
98.3978

45.7468, 28.7470,
8.1388

95.0500, 100.0000,
108.9000

■ 43.5893, 25.3593,
4.5607

■ 42.2252, 23.1036,
2.6494

■ 41.7536, 22.2871,
2.1012

Harmonies

Analogous

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



66.3015, 55.8908, 59.4214



64.1354, 55.8908, 43.9669



58.9988, 55.8908, 34.8029

Triad

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



64.1354, 55.8908, 43.9669



43.0086, 55.8908, 46.0139



53.6289, 55.8908, 102.9832

Complementary

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



64.1354, 55.8908, 43.9669



66.3357, 80.1338, 106.5788

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.



47.6500, 55.8908, 97.4543



64.1354, 55.8908, 43.9669



41.8170, 55.8908, 62.3126

Square

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



64.1354, 55.8908, 43.9669



46.8415, 55.8908, 35.8084



43.4485, 55.8908, 81.5948



59.9414, 55.8908, 95.4889

Rectangle

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



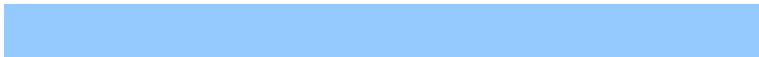
64.1354, 55.8908, 43.9669



54.7637, 55.8908, 32.3254



43.4485, 55.8908, 81.5948



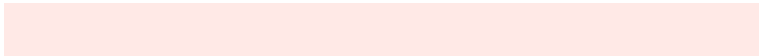
51.5144, 55.8908, 102.5853

Sweetspot

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



64.1369, 55.8935, 43.9680



84.5038, 85.0471, 86.4572



71.4997, 55.4742, 93.1121



17.7930, 17.7851, 17.8828



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.



64.1369, 55.8935, 43.9680



59.9720, 49.8578, 35.5072



74.1422, 75.9041, 47.3031



18.1924, 18.3529, 18.7280



21.8737, 11.7587, 1.1168



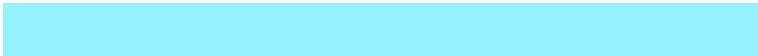
2.1847, 1.2547, 0.1270

Inverse Universe

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



66.3357, 80.1338, 106.5788



62.4404, 77.2063, 106.2191



54.8113, 57.0851, 102.7373



18.3496, 20.0708, 23.1569



23.3111, 31.5318, 54.2922



2.3217, 3.1741, 5.3036

Previews

White Background



This preview shows how the XYZ color 64.1354, 55.8908, 43.9669 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 64.1354, 55.8908, 43.9669 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 64.1354, 55.8908, 43.9669

Background



This preview shows how black text looks on a background with the XYZ color 64.1354, 55.8908, 43.9669.



This preview shows how white text looks on a background with the XYZ color 64.1354, 55.8908,

43.9669.

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

64.1354, 55.8908, 43.9669

Protanopia

53.3557, 56.2286, 49.6360

Deuteranopia

57.1999, 56.0375, 43.3989



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

64.1354, 55.8908, 43.9669

Protanomaly

56.6968, 55.6913, 47.2964

Deuteranomaly

59.7017, 56.0481, 43.7481

Tritanomaly

65.3026, 56.0405, 51.0911

Monochromacy



Original Color

64.1354, 55.8908, 43.9669

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.4419, 56.5458, 55.4639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1354, 55.8908, 43.9669 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, 178, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 167)  
}
```

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, 178, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 167) }
```

Border

The CSS property to change the border of an element to XYZ 64.1354, 55.8908, 43.9669 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, 178, 167) }
```


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

```
.border{ border-color:rgb(255, 178, 167) }
```

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

Here you see how a box with a 4 pixel rgb(255, 178, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1354, 55.8908, 43.9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 167) }
```

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

```
.background{ background-color: rgb(255,  
178, 167) }
```

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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