

Converting Colors

XYZ(65.9034, 50.2414, 31.9419)

Have a look what the booklet for
XYZ(65.9034, 50.2414, 31.9419)
contains.

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Color

**XYZ(57.5137, 45.9955,
31.4379)**

Conversions

Conversions Part 1

Format	Color
Hex	FF998E
RGB	255, 153, 142
RGB Percent	100%, 60%, 56%
CMY	0.0000, 0.4000, 0.4431
CMYK	0.00, 0.40, 0.44, 0.00
HSL	6°, 100%, 78%
HSV	6°, 44%, 100%
XYZ	57.5137, 45.9955, 31.4379
YIQ	182.2440, 64.3230, 18.2030

Conversions

Conversions Part 2

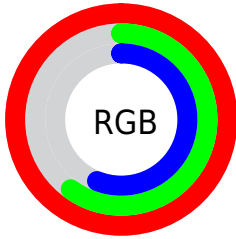
Format	Color
R _Y B	255, 154, 142
Decimal	16750990
CIE Lab	73.54, 36.95, 22.20
CIE LCh	74, 43.104, 30.992
Yxy	45.9955, 0.4262, 0.3408
Android (android.graphics.Color)	4294941070 (0xFFFF998E)
YUV	182.2440, -19.8403, 63.8070
Hunter-Lab	67.8200, 32.6892, 19.9902

Details

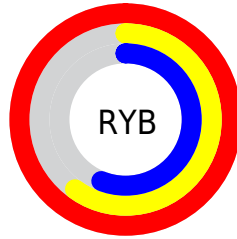
The XYZ color **57.5137, 45.9955, 31.4379** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.5542, 77.6684, 106.3547**, and the grayscale version is **44.6778, 47.0045, 51.1879**.

A 20% lighter version of the original color is **73.7597, 70.3573, 61.9173**, and **28.9946, 21.4892, 12.7449** is the 20% darker color. If you saturate the color by 10%, you get **52.4029, 38.4955, 21.3447**, and if you desaturate by 10%, it is **63.7913, 55.1284, 44.0813**.

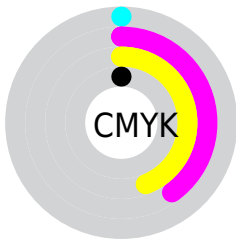
Distribution



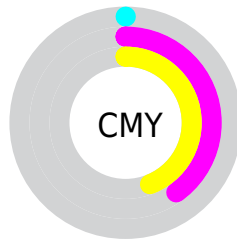
- Red (100%)
- Green (60%)
- Blue (56%)



- Red (100%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (40%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5137, 45.9955, 31.4379 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 57.5137, 45.9955, 31.4379 by changing the saturation by 10% instead.


 57.5137, 45.9955,
31.4379

 57.5137, 45.9955,
31.4379


405.3546,
370.7906, 322.9641


 41.6596, 32.2423,
20.6713


 100.3414, 84.2123,
63.0165

 29.0248, 21.5466,
12.6950


 128.0457,
109.4446, 84.6655

 19.2439, 13.5241,
7.0906


 160.4307,
139.2721, 110.7791

 11.9517, 7.7905,
3.4395

197.8618,
174.0791, 141.7758

 6.7828, 3.9612,
1.3232

240.7044,
214.2501, 178.0741

 3.3717, 1.6519,
0.0807

289.3238,

 1.3533, 0.3922,

260.1694, 220.0925

0.0000

344.0854,
312.2214, 268.2497

■ 0.2226, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5137, 45.9955,
31.4379

■ 57.5137, 45.9955,
31.4379

■ 52.4029, 38.4955,
21.3447

■ 63.7913, 55.1284,
44.0813

■ 48.3833, 32.5254,
13.6258

■ 71.2982, 65.9754,
59.4295

■ 45.3757, 27.9816,
8.0869

■ 80.0966, 78.6205,
77.6277

■ 43.2886, 24.7445,
4.5022

■ 90.2435, 93.1402,
98.8103

■ 42.0133, 22.6745,
2.5958

95.0499, 99.9999,
108.9000

■ 41.5840, 21.9482,
2.0447

Harmonies

Analogous

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



60.0583, 45.9955, 49.3584



57.5137, 45.9955, 31.4379



51.2117, 45.9955, 21.6242

Triad

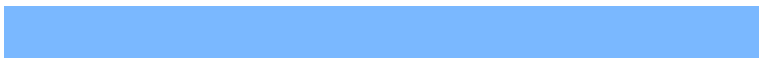
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.5137, 45.9955, 31.4379



32.1181, 45.9955, 32.3694



43.9715, 45.9955, 104.8206

Complementary

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



57.5137, 45.9955, 31.4379



61.5542, 77.6684, 106.3547

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.



36.9923, 45.9955, 96.4538



57.5137, 45.9955, 31.4379



30.6470, 45.9955, 50.8112

Square

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



57.5137, 45.9955, 31.4379



36.6007, 45.9955, 22.0418



32.3251, 45.9955, 74.9353



51.7014, 45.9955, 95.3337

Rectangle

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



57.5137, 45.9955, 31.4379



46.0509, 45.9955, 19.0253



32.3251, 45.9955, 74.9353



41.4640, 45.9955, 103.9867

Sweetspot

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



57.5149, 45.9978, 31.4388



81.3512, 80.4189, 80.2366



67.4837, 47.2345, 92.4141



16.9641, 16.5700, 16.2417



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.



57.5149, 45.9978, 31.4388



53.0105, 39.3912, 22.5309



68.6581, 68.2842, 35.1532



18.1516, 18.2715, 18.7144



21.7754, 11.5621, 1.0840



2.1655, 1.2164, 0.1207

Inverse Universe

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



61.5542, 77.6684, 106.3547



57.4784, 74.6093, 105.9793



47.4211, 49.4022, 101.6436



18.3947, 20.1611, 23.1719



24.3027, 33.5151, 54.6228



2.4083, 3.3473, 5.3324

Previews

White Background



This preview shows how the XYZ color 57.5137, 45.9955, 31.4379 looks on a white background.

Color Contrast Check

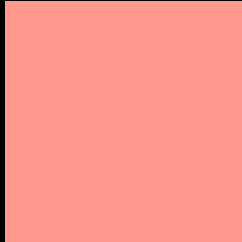
Large Text (above 18pt) WCAG AA × Fail

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 57.5137, 45.9955, 31.4379 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 57.5137, 45.9955, 31.4379

Background



This preview shows how black text looks on a background with the XYZ color 57.5137, 45.9955, 31.4379.



This preview shows how white text looks on a background with the XYZ color 57.5137, 45.9955,

31.4379.

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

57.5137, 45.9955, 31.4379

Protanopia

43.6755, 46.3615, 37.6571

Deuteranopia

47.1641, 46.2532, 30.4867



Tritanopia

58.8282, 46.0019, 39.9611

Trichromacy



Original Color

57.5137, 45.9955, 31.4379

Protanomaly

47.7995, 45.6240, 35.1412

Deuteranomaly

50.2913, 45.6305, 30.5830

Tritanomaly

58.3846, 46.0830, 36.8281

Monochromacy



Original Color

57.5137, 45.9955, 31.4379

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.8325, 45.4712, 42.8150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5137, 45.9955, 31.4379 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, 153, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 142)  
}
```

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, 153, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 142) }
```

Border

The CSS property to change the border of an element to XYZ 57.5137, 45.9955, 31.4379 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, 153, 142) }
```


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

```
.border{ border-color:rgb(255, 153, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5137, 45.9955, 31.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 142) }
```

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

```
.background{ background-color: rgb(255,  
153, 142) }
```

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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