

Converting Colors

XYZ(80.3132, 58.9363, 30.6215)

Have a look what the booklet for
XYZ(80.3132, 58.9363, 30.6215)
contains.

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Color

**XYZ(57.9108, 47.4913,
29.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9E88
RGB	255, 158, 136
RGB Percent	100%, 62%, 53%
CMY	0.0000, 0.3804, 0.4667
CMYK	0.00, 0.38, 0.47, 0.00
HSL	11°, 100%, 77%
HSV	11°, 47%, 100%
XYZ	57.9108, 47.4913, 29.4071
YIQ	184.4950, 64.8740, 13.7220

Conversions

Conversions Part 2

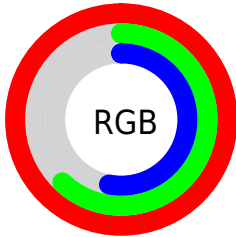
Format	Color
R _Y B	255, 163, 136
Decimal	16752264
CIE Lab	74.50, 33.78, 26.76
CIE LCh	75, 43.097, 38.385
Yxy	47.4913, 0.4296, 0.3523
Android (android.graphics.Color)	4294942344 (0xFFFF9E88)
YUV	184.4950, -23.9080, 61.8329
Hunter-Lab	68.9139, 29.4004, 22.9394

Details

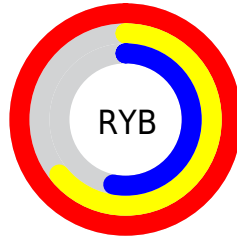
The XYZ color **57.9108, 47.4913, 29.4071** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.3408, 70.7288, 105.2373**, and the grayscale version is **45.9381, 48.3305, 52.6319**.

A 20% lighter version of the original color is **74.2196, 72.5226, 58.2306**, and **29.2370, 22.3771, 11.5824** is the 20% darker color. If you saturate the color by 10%, you get **53.0591, 40.3514, 19.8875**, and if you desaturate by 10%, it is **63.7956, 56.0075, 41.3987**.

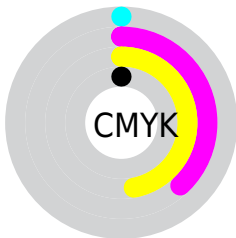
Distribution



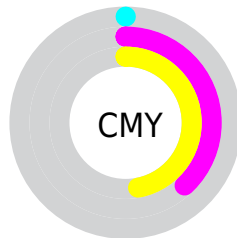
- Red (100%)
- Green (62%)
- Blue (53%)



- Red (100%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9108, 47.4913, 29.4071 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 57.9108, 47.4913, 29.4071 by changing the saturation by 10% instead.


 57.9108, 47.4913,
29.4071

 57.9108, 47.4913,
29.4071


406.8127,
376.7722, 313.2518


 41.9799, 33.4242,
19.1408


 100.9167, 86.4465,
59.7731

 29.2766, 22.4516,
11.5942


 128.7224,
112.1034, 80.7100

 19.4355, 14.1891,
6.3488


 161.2170,
142.3924, 106.0407

 12.0913, 8.2523,
2.9861

198.7661,
177.6979, 136.1838

 6.8785, 4.2568,
1.0876

241.7348,
218.4042, 171.5580

 3.4319, 1.8182,
0.0000

290.4886,

 1.3861, 0.4985,

264.8957, 212.5817

0.0000

345.3928,
317.5570, 259.6734

■ 0.2463, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9108, 47.4913,
29.4071

■ 57.9108, 47.4913,
29.4071

■ 53.0591, 40.3514,
19.8875

■ 63.7956, 56.0075,
41.3987

■ 49.1757, 34.5079,
12.6635

■ 70.7659, 65.9602,
56.0163

■ 46.1937, 29.8836,
7.5396

■ 78.8748, 77.4145,
73.4048

■ 44.0359, 26.3899,
4.2863

■ 88.1709, 90.4294,
93.6975

■ 42.6096, 23.9248, 95.0499, 99.9999,
2.6163 108.9000

■ 42.2626, 23.3054,
2.2709

Harmonies

Analogous

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



61.6162, 47.4913, 45.7103



57.9108, 47.4913, 29.4071



50.8774, 47.4913, 21.2296

Triad

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



57.9108, 47.4913, 29.4071



32.6102, 47.4913, 37.4782



47.3560, 47.4913, 106.7347

Complementary

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



57.9108, 47.4913, 29.4071



57.3408, 70.7288, 105.2373

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.



39.8493, 47.4913, 102.6461



57.9108, 47.4913, 29.4071



31.8972, 47.4913, 58.2128

Square

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



57.9108, 47.4913, 29.4071



36.4721, 47.4913, 24.8713



34.3984, 47.4913, 83.1382



55.0805, 47.4913, 93.0906

Rectangle

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



57.9108, 47.4913, 29.4071



45.5620, 47.4913, 19.6173



34.3984, 47.4913, 83.1382



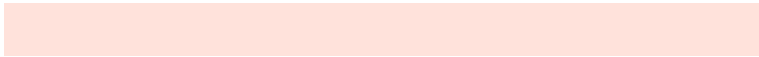
44.7187, 47.4913, 107.4512

Sweetspot

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



57.9120, 47.4937, 29.4080



81.2354, 80.7296, 78.5259



64.7785, 44.7624, 82.4540



16.9774, 16.7034, 15.9173



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.



57.9120, 47.4937, 29.4080



53.3516, 40.7860, 20.4482



70.5786, 72.8268, 33.6302



18.2811, 18.5303, 18.7575



22.1607, 12.3326, 1.2124



2.2271, 1.3395, 0.1412

Inverse Universe

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



57.3408, 70.7288, 105.2373



52.6644, 66.4915, 104.6662



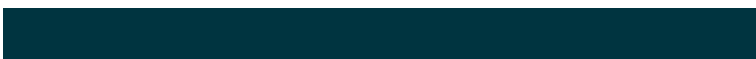
43.2787, 42.6046, 100.5500



18.2525, 19.8766, 23.1245



21.3004, 27.5104, 53.6220



2.1446, 2.8198, 5.2445

Previews

White Background



This preview shows how the XYZ color 57.9108, 47.4913, 29.4071 looks on a white background.

Color Contrast Check

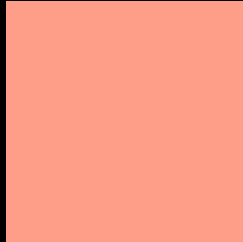
Large Text (above 18pt) WCAG AA × Fail

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 57.9108, 47.4913, 29.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

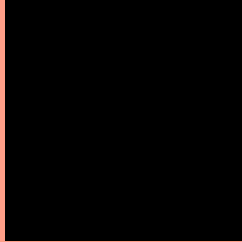
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9108, 47.4913, 29.4071

Background



This preview shows how black text looks on a background with the XYZ color 57.9108, 47.4913, 29.4071.



This preview shows how white text looks on a background with the XYZ color 57.9108, 47.4913,

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

57.9108, 47.4913, 29.4071

Protanopia

44.7845, 47.6072, 34.8457

Deuteranopia

48.6724, 47.6495, 28.8223



Tritanopia

59.8443, 47.4559, 42.0822

Trichromacy



Original Color

57.9108, 47.4913, 29.4071

Protanomaly

48.7854, 47.0374, 32.8934

Deuteranomaly

51.4460, 47.0861, 28.9313

Tritanomaly

59.0449, 47.4035, 37.0481

Monochromacy



Original Color

57.9108, 47.4913, 29.4071

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.8834, 47.1516, 43.0840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9108, 47.4913, 29.4071 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, 158, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 136)  
}
```

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, 158, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 136) }
```

Border

The CSS property to change the border of an element to XYZ 57.9108, 47.4913, 29.4071 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, 158, 136) }
```


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

```
.border{ border-color:rgb(255, 158, 136) }
```

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

Here you see how a box with a 4 pixel rgb(255, 158, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9108, 47.4913, 29.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 136) }
```

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

```
.background{ background-color: rgb(255,  
158, 136) }
```

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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