

Converting Colors

XYZ(57.8473, 47.1694, 29.9868)

Have a look what the booklet for
XYZ(57.8473, 47.1694, 29.9868)
contains.

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Color

**XYZ(57.8844, 47.2089,
30.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9D8A
RGB	255, 157, 138
RGB Percent	100%, 62%, 54%
CMY	0.0000, 0.3843, 0.4588
CMYK	0.00, 0.38, 0.46, 0.00
HSL	10°, 100%, 77%
HSV	10°, 46%, 100%
XYZ	57.8844, 47.2089, 30.1061
YIQ	184.1360, 64.5070, 14.8670

Conversions

Conversions Part 2

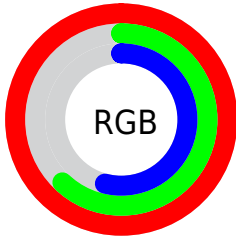
Format	Color
R _Y B	255, 161, 138
Decimal	16752010
CIE Lab	74.32, 34.49, 25.43
CIE LCh	74, 42.856, 36.405
Yxy	47.2089, 0.4281, 0.3492
Android (android.graphics.Color)	4294942090 (0xFFFF9D8A)
YUV	184.1360, -22.7450, 62.1477
Hunter-Lab	68.7087, 30.1389, 22.1170

Details

The XYZ color **57.8844, 47.2089, 30.1061** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.5251, 72.6108, 105.5382**, and the grayscale version is **45.7330, 48.1147, 52.3969**.

A 20% lighter version of the original color is **74.2979, 72.1527, 59.8801**, and **29.2174, 22.2073, 11.9790** is the 20% darker color. If you saturate the color by 10%, you get **52.9474, 39.9507, 20.3966**, and if you desaturate by 10%, it is **63.8888, 55.9084, 42.3103**.

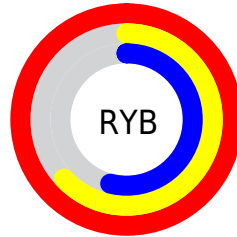
Distribution



Red (100%)

Green (62%)

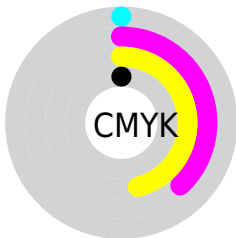
Blue (54%)



Red (100%)

Yellow (63%)

Blue (54%)

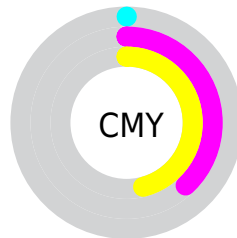


Cyan (0%)

Magenta (38%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8844, 47.2089, 30.1061 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 57.8844, 47.2089, 30.1061 by changing the saturation by 10% instead.


 57.8844, 47.2089,
30.1061

 57.8844, 47.2089,
30.1061


406.7159,
375.6478, 316.6214


 41.9586, 33.2008,
19.6664

 100.8784, 86.0254,
60.8929

 29.2599, 22.2803,
11.9711


 128.6774,
111.6025, 82.0771

 19.4228, 14.0630,
6.6017


 161.1648,
141.8049, 107.6799

 12.0820, 8.1645,
3.1396

198.7060,
177.0168, 138.1198

 6.8721, 4.2004,
1.1664

241.6663,
217.6226, 173.8153

 3.4279, 1.7863,
0.0000

290.4112,

 1.3839, 0.4786,

264.0068, 215.1851

0.0000

345.3059,
316.5537, 262.6476

■ 0.2447, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8844, 47.2089,
30.1061

■ 57.8844, 47.2089,
30.1061

■ 52.9474, 39.9507,
20.3966

■ 63.8888, 55.9084,
42.3103

■ 49.0105, 34.0486,
13.0060

■ 71.0153, 66.1141,
57.1632

■ 46.0043, 29.4194,
7.7398

■ 79.3192, 77.8957,
74.8092

■ 43.8484, 25.9675,
4.3703

■ 88.8508, 91.3163,
95.3818

■ 42.4474, 23.5829, 95.0499, 99.9999,
2.6164 108.9000

■ 42.0476, 22.8753,
2.1992

Harmonies

Analogous

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



61.2655, 47.2089, 46.8122



57.8844, 47.2089, 30.1061



51.0669, 47.2089, 21.4962

Triad

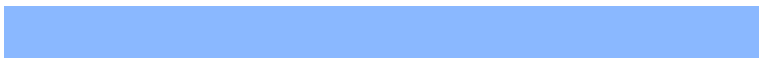
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.8844, 47.2089, 30.1061



32.6154, 47.2089, 36.2186



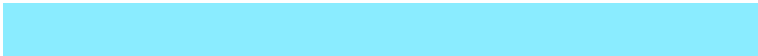
46.5440, 47.2089, 106.1590

Complementary

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



57.8844, 47.2089, 30.1061



58.5251, 72.6108, 105.5382

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.



39.1970, 47.2089, 100.9234



57.8844, 47.2089, 30.1061



31.6974, 47.2089, 56.2834

Square

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



57.8844, 47.2089, 30.1061



36.6385, 47.2089, 24.2538



33.9701, 47.2089, 80.9258



54.2519, 47.2089, 93.6810

Rectangle

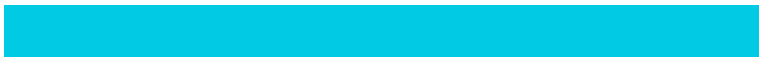
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.8844, 47.2089, 30.1061



45.8062, 47.2089, 19.6165



33.9701, 47.2089, 80.9258



43.9479, 47.2089, 106.4534

Sweetspot

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



57.8856, 47.2113, 30.1070



81.0178, 80.2944, 78.4534



65.6805, 45.5780, 85.8016



16.9251, 16.5987, 15.8998



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.



57.8856, 47.2113, 30.1070



53.3417, 40.5352, 21.1570



69.8867, 71.2135, 34.1074



18.2477, 18.4635, 18.7464



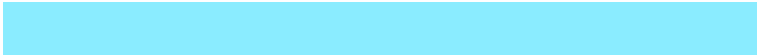
22.0405, 12.0923, 1.1724



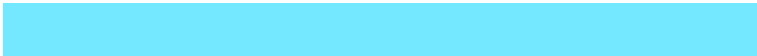
2.2105, 1.3064, 0.1357

Inverse Universe

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



58.5251, 72.6108, 105.5382



54.0052, 68.6835, 105.0186



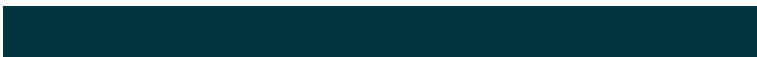
44.6416, 44.8438, 100.9104



18.2889, 19.9493, 23.1366



22.0340, 28.9775, 53.8665



2.2095, 2.9496, 5.2662

Previews

White Background



This preview shows how the XYZ color 57.8844, 47.2089, 30.1061 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 57.8844, 47.2089, 30.1061 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 57.8844, 47.2089, 30.1061

Background



This preview shows how black text looks on a background with the XYZ color 57.8844, 47.2089, 30.1061.



This preview shows how white text looks on a background with the XYZ color 57.8844, 47.2089,

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

57.8844, 47.2089, 30.1061

Protanopia

44.6866, 47.5383, 35.6747

Deuteranopia

48.5138, 47.5517, 29.5431



Tritanopia

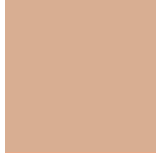
59.5871, 47.0878, 41.5456

Trichromacy



Original Color

57.8844, 47.2089, 30.1061



Protanomaly

48.6433, 46.9464, 33.6919



Deuteranomaly

51.5869, 47.1424, 29.6730



Tritanomaly

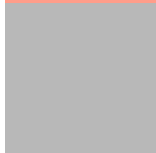
58.8777, 47.0692, 36.9924

Monochromacy



Original Color

57.8844, 47.2089, 30.1061



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.6894, 46.7638, 43.0193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8844, 47.2089, 30.1061 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, 157, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 138)  
}
```

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, 157, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 138) }
```

Border

The CSS property to change the border of an element to XYZ 57.8844, 47.2089, 30.1061 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, 157, 138) }
```


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

```
.border{ border-color:rgb(255, 157, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 157, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 157, 138); box-shadow:4px 4px 4px 4px rgb(255, 157, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8844, 47.2089, 30.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 138) }
```

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

```
.background{ background-color: rgb(255,  
157, 138) }
```

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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