

Converting Colors

XYZ(58.0864, 47.0201, 32.0009)

Have a look what the booklet for
XYZ(58.0864, 47.0201, 32.0009)
contains.

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Color

**XYZ(58.0864, 47.0201,
32.0009)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9C8F
RGB	255, 156, 143
RGB Percent	100%, 61%, 56%
CMY	0.0000, 0.3882, 0.4392
CMYK	0.00, 0.39, 0.44, 0.00
HSL	7°, 100%, 78%
HSV	7°, 44%, 100%
XYZ	58.0864, 47.0201, 32.0009
YIQ	184.1190, 63.1770, 16.9450

Conversions

Conversions Part 2

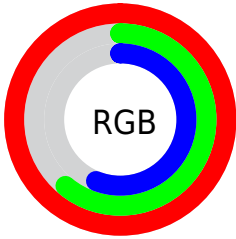
Format	Color
R _Y B	255, 158, 143
Decimal	16751759
CIE Lab	74.20, 35.50, 22.55
CIE LCh	74, 42.059, 32.419
Yxy	47.0201, 0.4237, 0.3429
Android (android.graphics.Color)	4294941839 (0xFFFF9C8F)
YUV	184.1190, -20.2717, 62.1626
Hunter-Lab	68.5712, 31.2070, 20.3303

Details

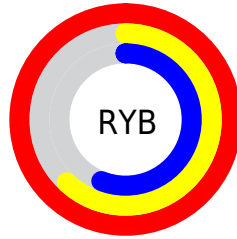
The XYZ color **58.0864, 47.0201, 32.0009** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.1283, 76.5605, 106.1634**, and the grayscale version is **45.7109, 48.0915, 52.3716**.

A 20% lighter version of the original color is **74.6123, 71.8797, 62.7650**, and **29.3317, 22.0929, 13.0743** is the 20% darker color. If you saturate the color by 10%, you get **52.9322, 39.4597, 21.8112**, and if you desaturate by 10%, it is **64.3838, 56.1643, 44.7385**.

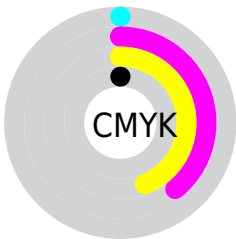
Distribution



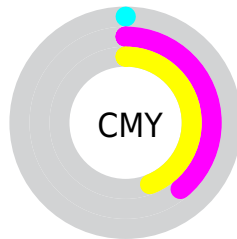
- Red (100%)
- Green (61%)
- Blue (56%)



- Red (100%)
- Yellow (62%)
- Blue (56%)



- Cyan (0%)
- Magenta (39%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0864, 47.0201, 32.0009 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 58.0864, 47.0201, 32.0009 by changing the saturation by 10% instead.


 58.0864, 47.0201,
32.0009

 58.0864, 47.0201,
32.0009


407.4565,
374.8948, 325.6162

 42.1216, 33.0515,
21.0974


 101.1709, 85.7436,
63.9104

 29.3881, 22.1659,
13.0033


 129.0214,
111.2674, 85.7535

 19.5203, 13.9789,
7.3000


161.5644,
141.4117, 112.0801

 12.1531, 8.1060,
3.5692

199.1655,
176.5609, 143.3089

 6.9210, 4.1628,
1.3921

242.1899,
217.0994, 179.8584

 3.4586, 1.7651,
0.1355

291.0029,

 1.4007, 0.4653,

263.4116, 222.1471

0.0000

345.9700,
315.8819, 270.5935

■ 0.2567, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0864, 47.0201,
32.0009

■ 58.0864, 47.0201,
32.0009

■ 52.9322, 39.4597,
21.8112

■ 64.3838, 56.1643,
44.7385

■ 48.8485, 33.3862,
13.9951

■ 71.8841, 66.9678,
60.1770

■ 45.7600, 28.7030,
8.3605

■ 80.6468, 79.5100,
78.4607

■ 43.5798, 25.2992,
4.6843

■ 90.7267, 93.8629,
99.7227

■ 42.2051, 23.0465, 95.0499, 100.0000,
2.6949 108.9000

■ 41.6944, 22.1690,
2.0815

Harmonies

Analogous

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



60.8044, 47.0201, 49.4634



58.0864, 47.0201, 32.0009



51.7483, 47.0201, 22.5001

Triad

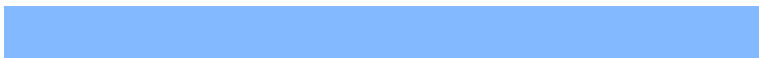
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.0864, 47.0201, 32.0009



33.0290, 47.0201, 34.2728



45.3062, 47.0201, 104.9204

Complementary

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



58.0864, 47.0201, 32.0009



61.1283, 76.5605, 106.1634

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.



38.3068, 47.0201, 97.5443



58.0864, 47.0201, 32.0009



31.7103, 47.0201, 52.9704

Square

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



58.0864, 47.0201, 32.0009



37.3579, 47.0201, 23.5290



33.5320, 47.0201, 76.8502



52.9264, 47.0201, 94.8743

Rectangle

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



58.0864, 47.0201, 32.0009



46.6320, 47.0201, 20.0742



33.5320, 47.0201, 76.8502



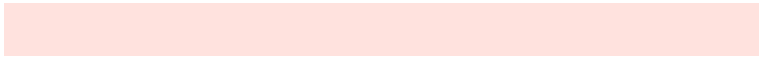
42.8050, 47.0201, 104.3953

Sweetspot

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



58.0876, 47.0225, 32.0018



81.5194, 80.7553, 80.2927



67.3614, 47.4248, 91.0324



17.0050, 16.6518, 16.2554



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.



58.0876, 47.0225, 32.0018



53.3612, 40.0926, 22.6478



69.2941, 69.4354, 35.7373



18.1792, 18.3266, 18.7236



21.8397, 11.6906, 1.1054



2.1785, 1.2423, 0.1250

Inverse Universe

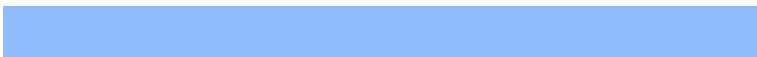
The Inverse Universe completely reimagines the original color for something new.



61.1283, 76.5605, 106.1634



56.7311, 73.1146, 105.7302



47.3186, 48.9411, 101.5602



18.3642, 20.1000, 23.1617



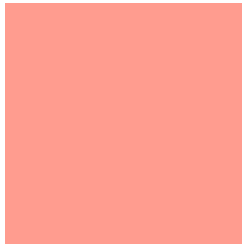
23.6272, 32.1639, 54.3976



2.3494, 3.2294, 5.3128

Previews

White Background



This preview shows how the XYZ color 58.0864, 47.0201, 32.0009 looks on a white background.

Color Contrast Check

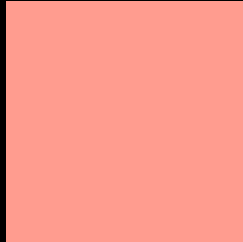
Large Text (above 18pt) WCAG AA × Fail

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 58.0864, 47.0201, 32.0009 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 58.0864, 47.0201, 32.0009

Background



This preview shows how black text looks on a background with the XYZ color 58.0864, 47.0201, 32.0009.



This preview shows how white text looks on a background with the XYZ color 58.0864, 47.0201,

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

58.0864, 47.0201, 32.0009

Protanopia

44.4669, 47.0627, 38.1928

Deuteranopia

48.0145, 46.9711, 30.9618



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



Original Color

58.0864, 47.0201, 32.0009



Protanomaly

48.5538, 46.5686, 35.7077



Deuteranomaly

51.3694, 46.7217, 31.1217



Tritanomaly

59.0471, 47.1370, 37.8845

Monochromacy



Original Color

58.0864, 47.0201, 32.0009



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.8758, 46.8383, 44.0008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0864, 47.0201, 32.0009 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, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 143)  
}
```

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, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 143) }
```

Border

The CSS property to change the border of an element to XYZ 58.0864, 47.0201, 32.0009 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, 156, 143) }
```


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

```
.border{ border-color:rgb(255, 156, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0864, 47.0201, 32.0009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 143) }
```

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

```
.background{ background-color: rgb(255,  
156, 143) }
```

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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