

Converting Colors

XYZ(58.3011, 47.4314, 32.1282)

Have a look what the booklet for
XYZ(58.3011, 47.4314, 32.1282)
contains.

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Color

**XYZ(58.2549, 47.3571,
32.0571)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9D8F
RGB	255, 157, 143
RGB Percent	100%, 62%, 56%
CMY	0.0000, 0.3843, 0.4392
CMYK	0.00, 0.38, 0.44, 0.00
HSL	8°, 100%, 78%
HSV	8°, 44%, 100%
XYZ	58.2549, 47.3571, 32.0571
YIQ	184.7060, 62.9020, 16.4220

Conversions

Conversions Part 2

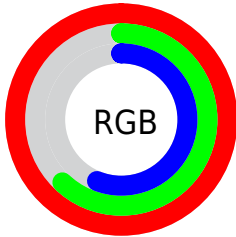
Format	Color
R _Y B	255, 159, 143
Decimal	16752015
CIE Lab	74.42, 34.99, 22.84
CIE LCh	74, 41.784, 33.138
Yxy	47.3571, 0.4232, 0.3440
Android (android.graphics.Color)	4294942095 (0xFFFF9D8F)
YUV	184.7060, -20.5611, 61.6478
Hunter-Lab	68.8165, 30.6759, 20.5522

Details

The XYZ color **58.2549, 47.3571, 32.0571** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.8315, 75.9669, 106.0645**, and the grayscale version is **46.0380, 48.4356, 52.7463**.

A 20% lighter version of the original color is **74.8615, 72.3782, 62.8481**, and **29.4318, 22.2930, 13.1077** is the 20% darker color. If you saturate the color by 10%, you get **53.1020, 39.7993, 21.8679**, and if you desaturate by 10%, it is **64.5386, 56.4737, 44.7901**.

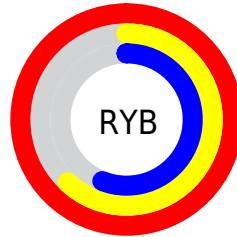
Distribution



Red (100%)

Green (62%)

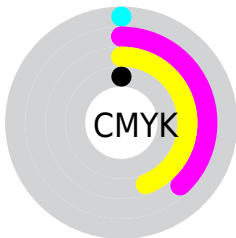
Blue (56%)



Red (100%)

Yellow (62%)

Blue (56%)

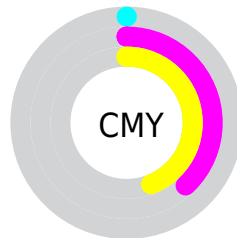


Cyan (0%)

Magenta (38%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2549, 47.3571, 32.0571 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 58.2549, 47.3571, 32.0571 by changing the saturation by 10% instead.


 58.2549, 47.3571,
32.0571

 58.2549, 47.3571,
32.0571


408.0736,
376.2381, 325.8800

 42.2577, 33.3180,
21.1399


 101.4148, 86.2464,
63.9995

 29.4951, 22.3702,
13.0341


 129.3082,
111.8655, 85.8619

 19.6018, 14.1292,
7.3210


161.8976,
142.1133, 112.2097

 12.2125, 8.2106,
3.5822

199.5485,
177.3743, 143.4616

 6.9618, 4.2300,
1.3991

242.6262,
218.0329, 180.0360

 3.4843, 1.8030,
0.1410

291.4961,

 1.4148, 0.4891,

264.4735, 222.3515

0.0000

346.5234,
317.0804, 270.8267

■ 0.2667, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2549, 47.3571,
32.0571

■ 58.2549, 47.3571,
32.0571

■ 53.1020, 39.7993,
21.8679

■ 64.5386, 56.4737,
44.7901

■ 49.0085, 33.7061,
14.0484

■ 72.0113, 67.2224,
60.2195

■ 45.9005, 28.9840,
8.4073

■ 80.7319, 79.6802,
78.4892

■ 43.6930, 25.5256,
4.7220

■ 90.7539, 93.9173,
99.7318

■ 42.2855, 23.2073, 95.0499, 100.0000,
2.7217 108.9000

■ 41.7534, 22.2870,
2.1012

Harmonies

Analogous

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



61.0697, 47.3571, 49.3271



58.2549, 47.3571, 32.0571



51.8749, 47.3571, 22.7151

Triad

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



58.2549, 47.3571, 32.0571



33.2922, 47.3571, 35.0071



45.8087, 47.3571, 105.0313

Complementary

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



58.2549, 47.3571, 32.0571



60.8315, 75.9669, 106.0645

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.



38.7819, 47.3571, 98.1008



58.2549, 47.3571, 32.0571



32.0483, 47.3571, 53.8672

Square

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



58.2549, 47.3571, 32.0571



37.5521, 47.3571, 24.0548



33.9447, 47.3571, 77.7125



53.3985, 47.3571, 94.6567

Rectangle

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



58.2549, 47.3571, 32.0571



46.7634, 47.3571, 20.3817



33.9447, 47.3571, 77.7125



43.3039, 47.3571, 104.6544

Sweetspot

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



58.2561, 47.3595, 32.0580



81.5998, 80.9161, 80.3195



67.0796, 47.3121, 89.5486



17.0245, 16.6909, 16.2619



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.



58.2561, 47.3595, 32.0580



53.5313, 40.4330, 22.7045



69.7582, 70.3637, 35.8920



18.1924, 18.3529, 18.7280



21.8737, 11.7586, 1.1168



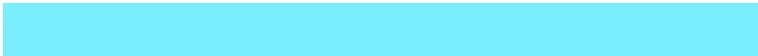
2.1847, 1.2547, 0.1270

Inverse Universe

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



60.8315, 75.9669, 106.0645



56.3784, 72.4093, 105.6127



46.9229, 48.1498, 101.4283



18.3496, 20.0709, 23.1569



23.3115, 31.5325, 54.2923



2.3217, 3.1742, 5.3036

Previews

White Background



This preview shows how the XYZ color 58.2549, 47.3571, 32.0571 looks on a white background.

Color Contrast Check

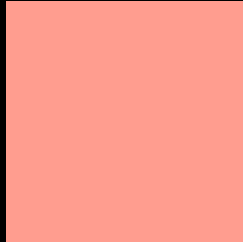
Large Text (above 18pt) WCAG AA × Fail

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 58.2549, 47.3571, 32.0571 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 58.2549, 47.3571, 32.0571

Background



This preview shows how black text looks on a background with the XYZ color 58.2549, 47.3571, 32.0571.



This preview shows how white text looks on a background with the XYZ color 58.2549, 47.3571,

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

58.2549, 47.3571, 32.0571

Protanopia

44.8422, 47.5710, 37.8290

Deuteranopia

48.5779, 47.5430, 31.4273



Tritanopia

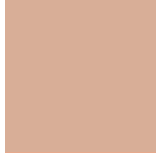
59.8443, 47.4559, 42.0822

Trichromacy



Original Color

58.2549, 47.3571, 32.0571



Protanomaly

49.0409, 47.1054, 35.7857



Deuteranomaly

51.6288, 47.1220, 31.5736



Tritanomaly

59.3000, 47.5056, 38.3918

Monochromacy



Original Color

58.2549, 47.3571, 32.0571



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.1640, 47.2639, 44.5618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2549, 47.3571, 32.0571 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 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, 157, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 143) }
```

Border

The CSS property to change the border of an element to XYZ 58.2549, 47.3571, 32.0571 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, 143) }
```


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

```
.border{ border-color:rgb(255, 157, 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, 157, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2549, 47.3571, 32.0571 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, 143) }
```

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

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