

Converting Colors

XYZ(58.4125, 47.6964, 32.0356)

Have a look what the booklet for
XYZ(58.4125, 47.6964, 32.0356)
contains.

XYZ(58.4248, 47.6969, 32.1137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.4248, 47.6969,
32.1137)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9E8F
RGB	255, 158, 143
RGB Percent	100%, 62%, 56%
CMY	0.0000, 0.3804, 0.4392
CMYK	0.00, 0.38, 0.44, 0.00
HSL	8°, 100%, 78%
HSV	8°, 44%, 100%
XYZ	58.4248, 47.6969, 32.1137
YIQ	185.2930, 62.6270, 15.8990

Conversions

Conversions Part 2

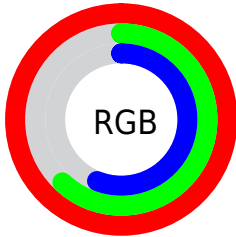
Format	Color
R _Y B	255, 160, 143
Decimal	16752271
CIE Lab	74.63, 34.47, 23.14
CIE LCh	75, 41.514, 33.868
Yxy	47.6969, 0.4226, 0.3450
Android (android.graphics.Color)	4294942351 (0xFFFF9E8F)
YUV	185.2930, -20.8504, 61.1330
Hunter-Lab	69.0629, 30.1445, 20.7747

Details

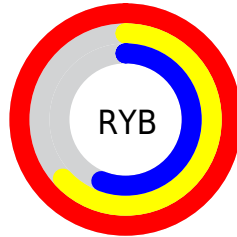
The XYZ color **58.4248, 47.6969, 32.1137** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.5362, 75.3765, 105.9661**, and the grayscale version is **46.3665, 48.7811, 53.1227**.

A 20% lighter version of the original color is **75.3646, 73.3844, 63.0158**, and **29.5330, 22.4956, 13.1414** is the 20% darker color. If you saturate the color by 10%, you get **53.2738, 40.1429, 21.9251**, and if you desaturate by 10%, it is **64.6941, 56.7849, 44.8419**.

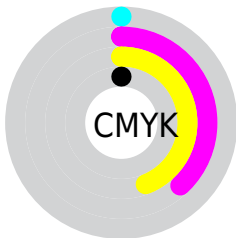
Distribution



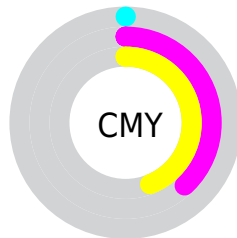
- Red (100%)
- Green (62%)
- Blue (56%)



- Red (100%)
- Yellow (63%)
- 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 58.4248, 47.6969, 32.1137 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 58.4248, 47.6969, 32.1137 by changing the saturation by 10% instead.


 58.4248, 47.6969,
32.1137


 58.4248, 47.6969,
32.1137


408.6954,
377.5895, 326.1455

 42.3948, 33.5869,
21.1828

 101.6606, 86.7529,
64.0893

 29.6030, 22.5764,
13.0652


 129.5972,
112.4678, 85.9710

 19.6841, 14.2811,
7.3422


162.2334,
142.8197, 112.3402

 12.2725, 8.3164,
3.5953

199.9345,
178.1932, 143.6153

 7.0031, 4.2981,
1.4061

243.0659,
218.9724, 180.2148

 3.5104, 1.8417,
0.1465

291.9929,

 1.4291, 0.5129,

265.5420, 222.5573

0.0000

347.0810,
318.2862, 271.0614

■ 0.2768, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4248, 47.6969,
32.1137

■ 58.4248, 47.6969,
32.1137

■ 53.2738, 40.1429,
21.9251

■ 64.6941, 56.7849,
44.8419

■ 49.1710, 34.0313,
14.1026

■ 72.1390, 67.4778,
60.2621

■ 46.0442, 29.2714,
8.4552

■ 80.8171, 79.8506,
78.5175

■ 43.8100, 25.7596,
4.7610

■ 90.7811, 93.9717,
99.7409

■ 42.3700, 23.3764,
2.7498

95.0499, 100.0000,
108.9000

■ 41.8167, 22.4135,
2.1223

Harmonies

Analogous

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



61.3370, 47.6969, 49.1913



58.4248, 47.6969, 32.1137



52.0025, 47.6969, 22.9320

Triad

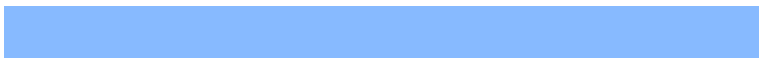
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.4248, 47.6969, 32.1137



33.5577, 47.6969, 35.7535



46.3165, 47.6969, 105.1441

Complementary

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



58.4248, 47.6969, 32.1137



60.5362, 75.3765, 105.9661

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.



39.2623, 47.6969, 98.6619



58.4248, 47.6969, 32.1137



32.3896, 47.6969, 54.7764

Square

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



58.4248, 47.6969, 32.1137



37.7478, 47.6969, 24.5895



34.3619, 47.6969, 78.5840



53.8751, 47.6969, 94.4405

Rectangle

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



58.4248, 47.6969, 32.1137



46.8958, 47.6969, 20.6930



34.3619, 47.6969, 78.5840



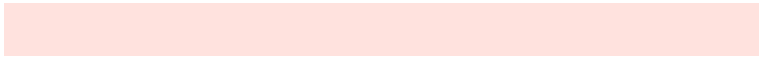
43.8081, 47.6969, 104.9162

Sweetspot

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



58.4260, 47.6993, 32.1146



81.6804, 81.0773, 80.3463



66.8007, 47.2005, 88.0799



17.0441, 16.7301, 16.2684



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.



58.4260, 47.6993, 32.1146



53.7035, 40.7772, 22.7619



70.2277, 71.3028, 36.0485



18.2055, 18.3793, 18.7324



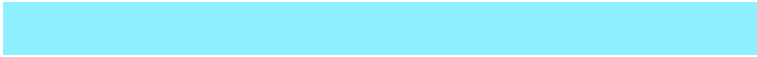
21.9099, 11.8310, 1.1288



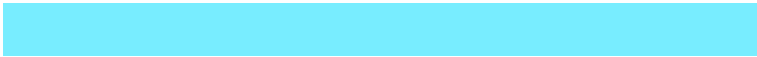
2.1908, 1.2670, 0.1291

Inverse Universe

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



60.5362, 75.3765, 105.9661



56.0280, 71.7085, 105.4959



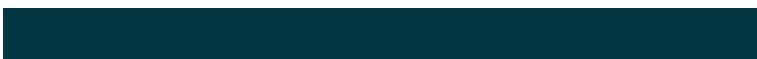
46.5324, 47.3687, 101.2982



18.3351, 20.0418, 23.1520



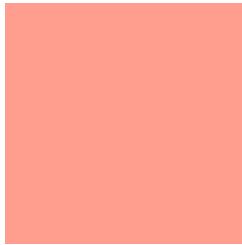
22.9999, 30.9093, 54.1885



2.2944, 3.1196, 5.2945

Previews

White Background



This preview shows how the XYZ color 58.4248, 47.6969, 32.1137 looks on a white background.

Color Contrast Check

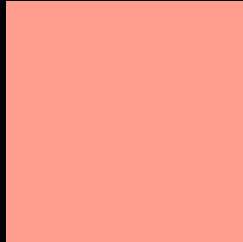
Large Text (above 18pt) WCAG AA × Fail

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 58.4248, 47.6969, 32.1137 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 58.4248, 47.6969, 32.1137

Background



This preview shows how black text looks on a background with the XYZ color 58.4248, 47.6969, 32.1137.



This preview shows how white text looks on a background with the XYZ color 58.4248, 47.6969,

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

58.4248, 47.6969, 32.1137

Protanopia

45.3050, 48.1169, 37.9100

Deuteranopia

49.0710, 48.0894, 31.5068



Tritanopia

60.1035, 47.8270, 42.6229

Trichromacy



Original Color

58.4248, 47.6969, 32.1137

Protanomaly

49.2348, 47.4932, 35.8503

Deuteranomaly

52.1374, 47.6615, 31.6509

Tritanomaly

59.4685, 47.8426, 38.4480

Monochromacy



Original Color

58.4248, 47.6969, 32.1137

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 58.4248, 47.6969, 32.1137 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 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, 158, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 143) }
```

Border

The CSS property to change the border of an element to XYZ 58.4248, 47.6969, 32.1137 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, 143) }
```


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

```
.border{ border-color:rgb(255, 158, 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, 158, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4248, 47.6969, 32.1137 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, 143) }
```

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

```
.background{ background-color: rgb(255,  
158, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor