

Converting Colors

XYZ(59.4541, 48.1332, 32.3841)

Have a look what the booklet for
XYZ(59.4541, 48.1332, 32.3841)
contains.

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Color

**XYZ(58.5009, 47.7273,
32.5145)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9E90
RGB	255, 158, 144
RGB Percent	100%, 62%, 56%
CMY	0.0000, 0.3804, 0.4353
CMYK	0.00, 0.38, 0.44, 0.00
HSL	8°, 100%, 78%
HSV	8°, 44%, 100%
XYZ	58.5009, 47.7273, 32.5145
YIQ	185.4070, 62.3060, 16.2100

Conversions

Conversions Part 2

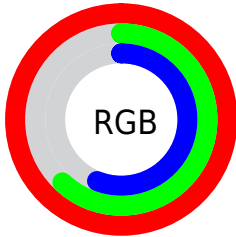
Format	Color
R _Y B	255, 160, 144
Decimal	16752272
CIE Lab	74.65, 34.57, 22.62
CIE LCh	75, 41.312, 33.193
Yxy	47.7273, 0.4217, 0.3440
Android (android.graphics.Color)	4294942352 (0xFFFF9E90)
YUV	185.4070, -20.4137, 61.0331
Hunter-Lab	69.0849, 30.2545, 20.4549

Details

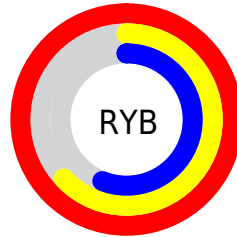
The XYZ color **58.5009, 47.7273, 32.5145** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.0054, 76.0566, 106.0727**, and the grayscale version is **46.4278, 48.8457, 53.1929**.

A 20% lighter version of the original color is **75.4796, 73.4304, 63.6214**, and **29.5776, 22.5134, 13.3763** is the 20% darker color. If you saturate the color by 10%, you get **53.3052, 40.1107, 22.2288**, and if you desaturate by 10%, it is **64.8283, 56.9029, 45.3498**.

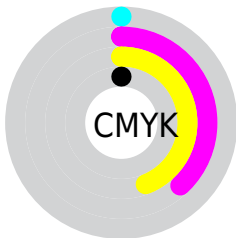
Distribution



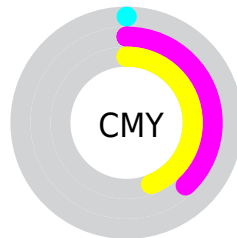
- Red (100%)
- Green (62%)
- Blue (56%)



- 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 58.5009, 47.7273, 32.5145 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 58.5009, 47.7273, 32.5145 by changing the saturation by 10% instead.


 58.5009, 47.7273,
32.5145


 58.5009, 47.7273,
32.5145


408.9737,
377.7102, 328.0210

 42.4563, 33.6110,
21.4867

 101.7707, 86.7982,
64.7240

 29.6514, 22.5949,
13.2855


 129.7266,
112.5217, 86.7429

 19.7209, 14.2947,
7.4924


162.3837,
142.8829, 113.2625

 12.2994, 8.3259,
3.6888

200.1072,
178.2663, 144.7014

 7.0216, 4.3042,
1.4562

243.2627,
219.0564, 181.4782

 3.5221, 1.8451,
0.1850

292.2153,

 1.4355, 0.5151,

265.6375, 224.0114

0.0000

347.3305,
318.3939, 272.7194

■ 0.2813, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5009, 47.7273,
32.5145

■ 58.5009, 47.7273,
32.5145

■ 53.3052, 40.1107,
22.2288

■ 64.8283, 56.9029,
45.3498

■ 49.1703, 33.9594,
14.3195

■ 72.3453, 67.7100,
60.8868

■ 46.0229, 29.1807,
8.5961

■ 81.1105, 80.2255,
79.2688

■ 43.7785, 25.6683,
4.8377

■ 91.1773, 94.5190,
100.6282

■ 42.3377, 23.2997, 95.0500, 100.0000,
2.7759 108.9000

■ 41.7612, 22.3025,
2.1037

Harmonies

Analogous

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



61.2994, 47.7273, 49.7055



58.5009, 47.7273, 32.5145



52.1668, 47.7273, 23.1823

Triad

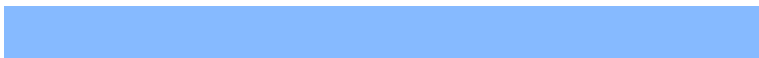
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.5009, 47.7273, 32.5145



33.6949, 47.7273, 35.5100



46.1695, 47.7273, 104.9239

Complementary

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



58.5009, 47.7273, 32.5145



61.0054, 76.0566, 106.0727

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.



39.1788, 47.7273, 98.1048



58.5009, 47.7273, 32.5145



32.4604, 47.7273, 54.2959

Square

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



58.5009, 47.7273, 32.5145



37.9334, 47.7273, 24.5482



34.3565, 47.7273, 77.9482



53.7052, 47.7273, 94.6408

Rectangle

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



58.5009, 47.7273, 32.5145



47.0903, 47.7273, 20.8493



34.3565, 47.7273, 77.9482



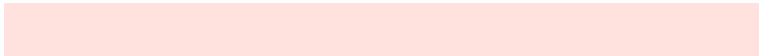
43.6792, 47.7273, 104.5625

Sweetspot

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



58.5021, 47.7297, 32.5154



81.6100, 80.9364, 80.3229



67.2479, 47.6207, 89.6912



17.0270, 16.6958, 16.2627



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.



58.5021, 47.7297, 32.5154



54.0293, 41.1783, 23.6431



69.9303, 70.5861, 36.3248



18.1940, 18.3562, 18.7285



21.8781, 11.7675, 1.1183



2.1854, 1.2562, 0.1273

Inverse Universe

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



61.0054, 76.0566, 106.0727



56.7857, 72.6926, 105.6459



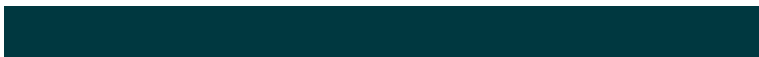
47.2270, 48.4997, 101.4799



18.3478, 20.0672, 23.1563



23.2719, 31.4535, 54.2792



2.3183, 3.1673, 5.3024

Previews

White Background



This preview shows how the XYZ color 58.5009, 47.7273, 32.5145 looks on a white background.

Color Contrast Check

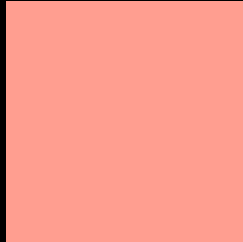
Large Text (above 18pt) WCAG AA × Fail

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 58.5009, 47.7273, 32.5145 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 58.5009, 47.7273, 32.5145

Background



This preview shows how black text looks on a background with the XYZ color 58.5009, 47.7273, 32.5145.



This preview shows how white text looks on a background with the XYZ color 58.5009, 47.7273,

32.5145.

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

58.5009, 47.7273, 32.5145

Protanopia

45.3894, 48.1506, 38.3542

Deuteranopia

48.8488, 47.9663, 31.8831



Tritanopia

60.1035, 47.8270, 42.6229

Trichromacy



Original Color

58.5009, 47.7273, 32.5145

Protanomaly

49.3164, 47.5259, 36.2799

Deuteranomaly

51.8903, 47.5254, 32.0296

Tritanomaly

59.5550, 47.8771, 38.9032

Monochromacy



Original Color

58.5009, 47.7273, 32.5145

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 58.5009, 47.7273, 32.5145 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 144) }
```

Border

The CSS property to change the border of an element to XYZ 58.5009, 47.7273, 32.5145 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, 144) }
```


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

```
.border{ border-color:rgb(255, 158, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 158, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 158, 144); box-shadow:4px 4px 4px 4px rgb(255, 158, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5009, 47.7273, 32.5145 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, 144) }
```

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

```
.background{ background-color: rgb(255,  
158, 144) }
```

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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