

Converting Colors

XYZ(57.5666, 47.0546, 32.0757)

Have a look what the booklet for
XYZ(57.5666, 47.0546, 32.0757)
contains.

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Color

**XYZ(57.5229, 46.9798,
32.0228)**

Conversions

Conversions Part 1

Format	Color
Hex	FD9D8F
RGB	253, 157, 143
RGB Percent	99%, 62%, 56%
CMY	0.0078, 0.3843, 0.4392
CMYK	0.00, 0.38, 0.43, 0.01
HSL	8°, 96%, 78%
HSV	8°, 43%, 99%
XYZ	57.5229, 46.9798, 32.0228
YIQ	184.1080, 61.7100, 15.9980

Conversions

Conversions Part 2

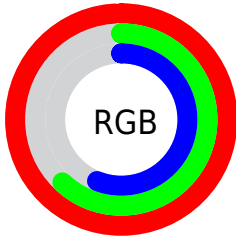
Format	Color
R _Y B	253, 159, 143
Decimal	16620943
CIE Lab	74.18, 34.24, 22.47
CIE LCh	74, 40.956, 33.280
Yxy	46.9798, 0.4213, 0.3441
Android (android.graphics.Color)	4294811023 (0xFFFD9D8F)
YUV	184.1080, -20.2662, 60.4183
Hunter-Lab	68.5418, 29.8558, 20.2789

Details

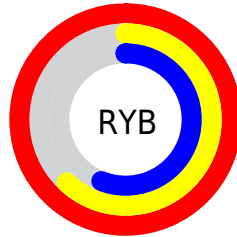
The XYZ color **57.5229, 46.9798, 32.0228** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.9222, 74.6610, 104.1810**, and the grayscale version is **45.7054, 48.0857, 52.3653**.

A 20% lighter version of the original color is **74.8615, 72.3782, 62.8481**, and **28.9184, 22.0284, 13.0837** is the 20% darker color. If you saturate the color by 10%, you get **52.4142, 39.4915, 21.9067**, and if you desaturate by 10%, it is **63.7412, 55.9955, 44.6418**.

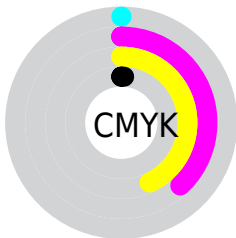
Distribution



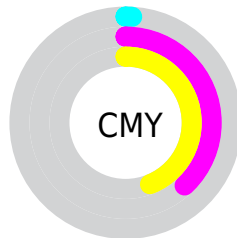
- Red (99%)
- Green (62%)
- Blue (56%)



- Red (99%)
- Yellow (62%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (1%)





- Cyan (1%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5229, 46.9798, 32.0228 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 57.5229, 46.9798, 32.0228 by changing the saturation by 10% instead.


 57.5229, 46.9798,
32.0228

 57.5229, 46.9798,
32.0228


405.3884,
374.7339, 325.7190

 41.6670, 33.0197,
21.1140

 100.3547, 85.6835,
63.9452

 29.0306, 22.1415,
13.0153


 128.0614,
111.1958, 85.7957

 19.2484, 13.9609,
7.3082


160.4489,
141.3277, 112.1307

 11.9549, 8.0935,
3.5742

197.8828,
176.4635, 143.3684

 6.7850, 4.1548,
1.3948

240.7283,
216.9876, 179.9276

 3.3731, 1.7605,
0.1377

289.3508,

 1.3540, 0.4624,

263.2845, 222.2268

0.0000

344.1157,
315.7384, 270.6844

■ 0.2231, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5229, 46.9798,
32.0228

■ 57.5229, 46.9798,
32.0228

■ 52.4142, 39.4915,
21.9067

■ 63.7412, 55.9955,
44.6418

■ 48.3457, 33.4391,
14.1237

■ 71.1257, 66.6096,
59.9126

■ 45.2456, 28.7322,
8.4873

■ 79.7337, 78.8971,
77.9759

■ 43.0315, 25.2669,
4.7809

■ 89.6173, 92.9259,
98.9613

■ 41.6064, 22.9238,
2.7419

94.3179, 99.6226,
108.8657

■ 41.0302, 21.9272,
2.0698

Harmonies

Analogous

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



60.2791, 46.9798, 48.8747



57.5229, 46.9798, 32.0228



51.3048, 46.9798, 22.8750

Triad

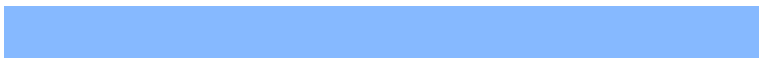
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.5229, 46.9798, 32.0228



33.1946, 46.9798, 35.0450



45.4654, 46.9798, 103.0550

Complementary

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



57.5229, 46.9798, 32.0228



59.9222, 74.6610, 104.1810

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.



38.6023, 46.9798, 96.4226



57.5229, 46.9798, 32.0228



31.9915, 46.9798, 53.5011

Square

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



57.5229, 46.9798, 32.0228



37.3467, 46.9798, 24.2544



33.8618, 46.9798, 76.6960



52.8547, 46.9798, 92.9359

Rectangle

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



57.5229, 46.9798, 32.0228



46.3250, 46.9798, 20.5934



33.8618, 46.9798, 76.6960



43.0215, 46.9798, 102.7180

Sweetspot

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



57.5241, 46.9821, 32.0237



81.6204, 80.9572, 80.3263



66.0835, 46.8291, 88.1238



17.0295, 16.7008, 16.2636



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.



57.5241, 46.9821, 32.0237



54.0514, 41.2226, 23.6505



68.7189, 69.3717, 35.7553



18.1957, 18.3596, 18.7291



21.8827, 11.7767, 1.1198



2.1862, 1.2578, 0.1276

Inverse Universe

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



59.9222, 74.6610, 104.1810



56.7412, 72.6037, 105.6311



46.4415, 47.6995, 99.6875



18.3459, 20.0634, 23.1556



23.2317, 31.3729, 54.2657



2.3148, 3.1602, 5.3013

Previews

White Background



This preview shows how the XYZ color 57.5229, 46.9798, 32.0228 looks on a white background.

Color Contrast Check

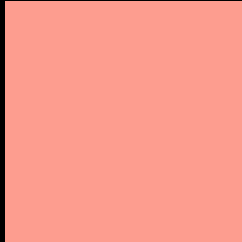
Large Text (above 18pt) WCAG AA × Fail

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 57.5229, 46.9798, 32.0228 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 57.5229, 46.9798, 32.0228

Background



This preview shows how black text looks on a background with the XYZ color 57.5229, 46.9798, 32.0228.



This preview shows how white text looks on a background with the XYZ color 57.5229, 46.9798,

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

57.5229, 46.9798, 32.0228

Protanopia

44.3826, 47.0289, 37.7486

Deuteranopia

48.0879, 47.0005, 31.3484



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



Original Color

57.5229, 46.9798, 32.0228

Protanomaly

48.2610, 46.4176, 35.6940

Deuteranomaly

51.1234, 46.5864, 31.4969

Tritanomaly

58.6802, 46.9478, 37.8673

Monochromacy



Original Color

57.5229, 46.9798, 32.0228

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.5920, 46.6920, 43.9875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5229, 46.9798, 32.0228 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(253, 157, 143)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 157, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 157, 143) }
```

Border

The CSS property to change the border of an element to XYZ 57.5229, 46.9798, 32.0228 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(253, 157, 143) }
```


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

```
.border{ border-color:rgb(253, 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(253, 157, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 157, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 157, 143);  
box-shadow:4px 4px 4px 4px rgb(253, 157,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5229, 46.9798, 32.0228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 157, 143) }
```

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

```
.background{ background-color: rgb(253,  
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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