

Converting Colors

XYZ(57.5421, 47.9599, 32.3102)

Have a look what the booklet for
XYZ(57.5421, 47.9599, 32.3102)
contains.

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Color

**XYZ(57.4865, 47.9821,
32.2182)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA18F
RGB	251, 161, 143
RGB Percent	98%, 63%, 56%
CMY	0.0157, 0.3686, 0.4392
CMYK	0.00, 0.36, 0.43, 0.02
HSL	10°, 93%, 77%
HSV	10°, 43%, 98%
XYZ	57.4865, 47.9821, 32.2182
YIQ	185.8580, 59.4180, 13.4820

Conversions

Conversions Part 2

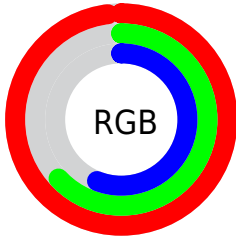
Format	Color
R _Y B	251, 165, 143
Decimal	16490895
CIE Lab	74.81, 31.40, 23.30
CIE LCh	75, 39.106, 36.575
Yxy	47.9821, 0.4175, 0.3485
Android (android.graphics.Color)	4294680975 (0xFFFB18F)
YUV	185.8580, -21.1290, 57.1295
Hunter-Lab	69.2691, 26.9164, 20.9116

Details

The XYZ color **57.4865, 47.9821, 32.2182** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.8780, 71.0797, 101.9361**, and the grayscale version is **46.6850, 49.1162, 53.4876**.

A 20% lighter version of the original color is **75.8739, 74.4030, 63.1855**, and **29.0766, 22.7219, 13.2092** is the 20% darker color. If you saturate the color by 10%, you get **52.4392, 40.5977, 22.1811**, and if you desaturate by 10%, it is **63.5730, 56.7641, 44.7012**.

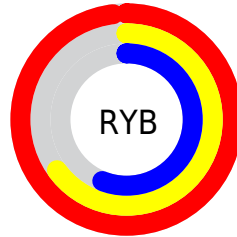
Distribution



Red (98%)

Green (63%)

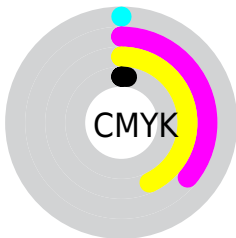
Blue (56%)



Red (98%)

Yellow (65%)

Blue (56%)

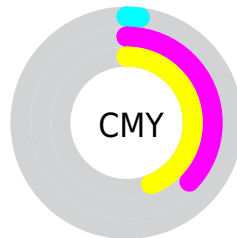


Cyan (0%)

Magenta (36%)

Yellow (43%)

Black (2%)



Cyan (2%)


Magenta (37%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4865, 47.9821, 32.2182 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 57.4865, 47.9821, 32.2182 by changing the saturation by 10% instead.

 57.4865, 47.9821,
32.2182

 57.4865, 47.9821,
32.2182


405.2546,
378.7212, 326.6353

 41.6376, 33.8127,
21.2620


 100.3020, 87.1778,
64.2549

 29.0075, 22.7498,
13.1226


 127.9993,
112.9728, 86.1725

 19.2308, 14.4088,
7.3813

160.3768,
143.4119, 112.5809

 11.9422, 8.4056,
3.6196

197.7998,
178.8793, 143.8988

 6.7762, 4.3555,
1.4191

240.6338,
219.7596, 180.5446

 3.3676, 1.8744,
0.1565

289.2440,

 1.3510, 0.5329,

266.4371, 222.9370

0.0000

343.9958,
319.2961, 271.4944

■ 0.2209, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4865, 47.9821,
32.2182

■ 57.4865, 47.9821,
32.2182

■ 52.4392, 40.5977,
22.1811

■ 63.5730, 56.7641,
44.7012

■ 48.3684, 34.5316,
14.4258

■ 70.7493, 67.0036,
59.7740

■ 45.2101, 29.7071,
8.7724

■ 79.0673, 78.7655,
77.5726

■ 42.8905, 26.0369,
5.0124

■ 88.5741, 92.1088,
98.2226

■ 41.3239, 23.4215,
2.8939

■ 93.5937, 99.2492,
108.8318

■ 40.6062, 22.1543,
2.1360

Harmonies

Analogous

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



60.5761, 47.9821, 47.8893



57.4865, 47.9821, 32.2182



51.2581, 47.9821, 23.9285

Triad

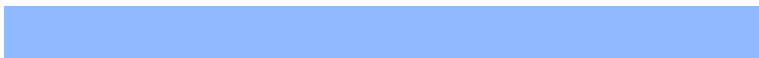
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.4865, 47.9821, 32.2182



34.1784, 47.9821, 38.1762



47.1885, 47.9821, 101.5783

Complementary

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



57.4865, 47.9821, 32.2182



57.8780, 71.0797, 101.9361

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.



40.3846, 47.9821, 97.0232



57.4865, 47.9821, 32.2182



33.3302, 47.9821, 56.8557

Square

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



57.4865, 47.9821, 32.2182



37.9363, 47.9821, 26.6916



35.4859, 47.9821, 79.2131



54.2445, 47.9821, 90.4078

Rectangle

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



57.4865, 47.9821, 32.2182



46.4271, 47.9821, 22.1015



35.4859, 47.9821, 79.2131



44.7937, 47.9821, 101.8707

Sweetspot

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



57.4877, 47.9845, 32.2191



81.9769, 81.6703, 80.4452



64.3144, 46.0378, 82.5874



17.1163, 16.8744, 16.2925



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.



57.4877, 47.9845, 32.2191



54.8279, 42.7754, 23.9093



69.0423, 71.0936, 36.0706



17.4784, 17.6926, 17.9562



21.4140, 11.7846, 1.1460



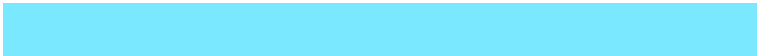
2.0475, 1.2199, 0.1276

Inverse Universe

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



57.8780, 71.0797, 101.9361



55.2415, 69.6043, 105.1312



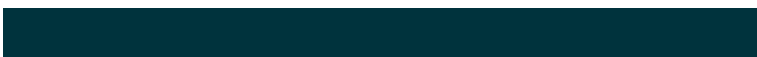
44.8608, 45.0454, 97.5970



17.5051, 19.0870, 22.1468



21.2505, 27.8565, 52.2304



2.0314, 2.7065, 4.8585

Previews

White Background



This preview shows how the XYZ color 57.4865, 47.9821, 32.2182 looks on a white background.

Color Contrast Check

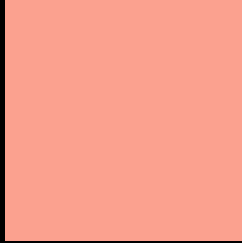
Large Text (above 18pt) WCAG AA × Fail

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 57.4865, 47.9821, 32.2182 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 57.4865, 47.9821, 32.2182

Background



This preview shows how black text looks on a background with the XYZ color 57.4865, 47.9821, 32.2182.



This preview shows how white text looks on a background with the XYZ color 57.4865, 47.9821,

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

57.4865, 47.9821, 32.2182

Protanopia

45.4789, 48.2162, 37.4815

Deuteranopia

49.0710, 48.0894, 31.5068



Tritanopia

59.7264, 47.8612, 43.6263

Trichromacy



Original Color

57.4865, 47.9821, 32.2182

Protanomaly

49.0547, 47.6997, 35.4757

Deuteranomaly

51.6837, 47.7069, 31.6836

Tritanomaly

58.7169, 47.6872, 39.3675

Monochromacy



Original Color

57.4865, 47.9821, 32.2182

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.5562, 48.0482, 44.6925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4865, 47.9821, 32.2182 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(251, 161, 143)` looks like.

```
.text, #text, p{  
    color:rgb(251, 161, 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(251, 161, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 161, 143) }
```

Border

The CSS property to change the border of an element to XYZ 57.4865, 47.9821, 32.2182 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(251, 161, 143) }
```


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

```
.border{ border-color:rgb(251, 161, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 161, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 161, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 161, 143);  
box-shadow:4px 4px 4px 4px rgb(251, 161,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4865, 47.9821, 32.2182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 161, 143) }
```

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

```
.background{ background-color: rgb(251,  
161, 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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