

Converting Colors

XYZ(57.4470, 47.9446, 36.1784)

Have a look what the booklet for
XYZ(57.4470, 47.9446, 36.1784)
contains.

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Color

**XYZ(57.5616, 47.9294,
36.3545)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A199
RGB	249, 161, 153
RGB Percent	98%, 63%, 60%
CMY	0.0235, 0.3686, 0.4000
CMYK	0.00, 0.35, 0.39, 0.02
HSL	5°, 89%, 79%
HSV	5°, 39%, 98%
XYZ	57.5616, 47.9294, 36.3545
YIQ	186.4000, 55.0160, 16.1680

Conversions

Conversions Part 2

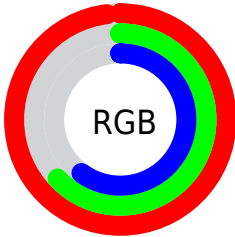
Format	Color
R _Y B	249, 162, 153
Decimal	16359833
CIE Lab	74.78, 31.73, 17.77
CIE LCh	75, 36.369, 29.247
Yxy	47.9294, 0.4058, 0.3379
Android (android.graphics.Color)	4294549913 (0xFFFF9A199)
YUV	186.4000, -16.4662, 54.9002
Hunter-Lab	69.2311, 27.2580, 17.3275

Details

The XYZ color **57.5616, 47.9294, 36.3545** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.6898, 76.5195, 101.1409**, and the grayscale version is **46.9655, 49.4114, 53.8090**.

A 20% lighter version of the original color is **77.3153, 75.3907, 69.5084**, and **28.9960, 22.6316, 15.4104** is the 20% darker color. If you saturate the color by 10%, you get **52.0847, 39.9304, 25.4192**, and if you desaturate by 10%, it is **64.1982, 57.5606, 49.7943**.

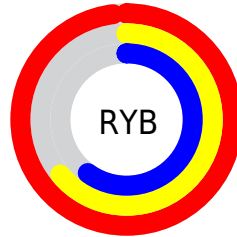
Distribution



Red (98%)

Green (63%)

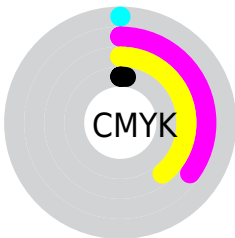
Blue (60%)



Red (98%)

Yellow (64%)

Blue (60%)

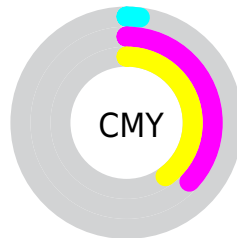


Cyan (0%)

Magenta (35%)

Yellow (39%)

Black (2%)



Cyan (2%)


Magenta (37%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5616, 47.9294, 36.3545 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 57.5616, 47.9294, 36.3545 by changing the saturation by 10% instead.


 57.5616, 47.9294,
36.3545


 57.5616, 47.9294,
36.3545


405.5306,
378.5122, 345.5915

 41.6982, 33.7710,
24.4162

 100.4108, 87.0993,
70.7541

 29.0551, 22.7177,
15.4276


 128.1273,
112.8795, 94.0525

 19.2670, 14.3852,
8.9701

160.5256,
143.3025, 121.9747

 11.9685, 8.3891,
4.6251

197.9710,
178.7526, 154.9392

 6.7943, 4.3449,
1.9742

240.8288,
219.6142, 193.3646

 3.3790, 1.8683,
0.5393

289.4644,

 1.3572, 0.5292,

266.2718, 237.6694

0.0000

344.2433,
319.1097, 288.2722

■ 0.2254, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5616, 47.9294,
36.3545

■ 57.5616, 47.9294,
36.3545

■ 52.0847, 39.9304,
25.4192

■ 64.1982, 57.5606,
49.7943

■ 47.6970, 33.4667,
16.8308

■ 72.0518, 68.9002,
65.8774

■ 44.3266, 28.4416,
10.4180

■ 81.1807, 82.0278,
84.7359

■ 41.8910, 24.7449,
5.9851

■ 91.6381, 97.0163,
106.4921

■ 40.2947, 22.2501,
3.3013

■ 92.8769, 98.8797,
108.7983

■ 39.4146, 20.8036,
2.0415

■ 39.3308, 20.6674,
1.9163

Harmonies

Analogous

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



59.4737, 47.9294, 52.6663



57.5616, 47.9294, 36.3545



52.3642, 47.9294, 26.7511

Triad

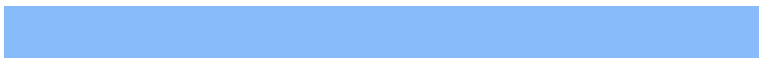
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.5616, 47.9294, 36.3545



35.4880, 47.9294, 35.7080



45.3888, 47.9294, 97.6686

Complementary

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



57.5616, 47.9294, 36.3545



61.6898, 76.5195, 101.1409

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.



39.3641, 47.9294, 90.1086



57.5616, 47.9294, 36.3545



33.9980, 47.9294, 51.7106

Square

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



57.5616, 47.9294, 36.3545



39.6269, 47.9294, 26.4462



35.3469, 47.9294, 72.0551



52.0477, 47.9294, 90.7981

Rectangle

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



57.5616, 47.9294, 36.3545



47.9667, 47.9294, 23.9850



35.3469, 47.9294, 72.0551



43.2264, 47.9294, 96.7065

Sweetspot

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



57.5628, 47.9317, 36.3554



82.2048, 81.5753, 82.2187



66.3356, 49.2735, 89.2337



17.3221, 17.0678, 17.0336



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.



57.5628, 47.9317, 36.3554



56.3145, 44.1038, 29.4758



67.6174, 68.0409, 39.7070



17.3609, 17.4577, 17.9170



21.0933, 11.1433, 1.0391



1.9922, 1.1092, 0.1091

Inverse Universe

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



61.6898, 76.5195, 101.1409



61.2002, 78.0348, 106.4444



49.3062, 51.7523, 97.0130



17.6347, 19.3463, 22.1901



24.0895, 33.5346, 53.1767



2.2666, 3.1768, 4.9369

Previews

White Background



This preview shows how the XYZ color 57.5616, 47.9294, 36.3545 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 57.5616, 47.9294, 36.3545 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 57.5616, 47.9294, 36.3545

Background



This preview shows how black text looks on a background with the XYZ color 57.5616, 47.9294, 36.3545.



This preview shows how white text looks on a background with the XYZ color 57.5616, 47.9294,

36.3545.

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

57.5616, 47.9294, 36.3545

Protanopia

45.5796, 48.1678, 42.0170

Deuteranopia

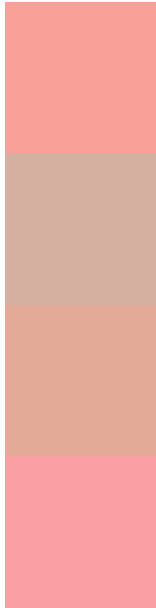
48.9587, 47.9424, 35.5276



Tritanopia

59.2662, 47.8652, 44.1455

Trichromacy



Original Color

57.5616, 47.9294, 36.3545

Protanomaly

49.3111, 47.7349, 39.8725

Deuteranomaly

51.8274, 47.6911, 35.7519

Tritanomaly

58.5233, 47.8006, 41.2639

Monochromacy



Original Color

57.5616, 47.9294, 36.3545

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.6566, 48.0556, 46.7029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5616, 47.9294, 36.3545 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(249, 161, 153)` looks like.

```
.text, #text, p{  
    color:rgb(249, 161, 153)  
}
```

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(249, 161, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 161, 153) }
```

Border

The CSS property to change the border of an element to XYZ 57.5616, 47.9294, 36.3545 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(249, 161, 153) }
```


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

```
.border{ border-color:rgb(249, 161, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 161, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 161, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 161, 153);  
box-shadow:4px 4px 4px 4px rgb(249, 161,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5616, 47.9294, 36.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 161, 153) }
```

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

```
.background{ background-color: rgb(249,  
161, 153) }
```

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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