

Converting Colors

XYZ(59.5603, 48.5954, 36.7253)

Have a look what the booklet for
XYZ(59.5603, 48.5954, 36.7253)
contains.

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Color

**XYZ(59.6435, 48.7347,
36.8350)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA09A |
| RGB | 255, 160, 154 |
| RGB Percent | 100%, 63%, 60% |
| CMY | 0.0000, 0.3725, 0.3961 |
| CMYK | 0.00, 0.37, 0.40, 0.00 |
| HSL | 4°, 100%, 80% |
| HSV | 4°, 40%, 100% |
| XYZ | 59.6435, 48.7347, 36.8350 |
| YIQ | 187.7210, 58.5460, 18.2740 |

Conversions

Conversions Part 2

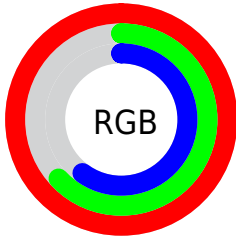
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 160, 154 |
| Decimal | 16752794 |
| CIE Lab | 75.29, 34.59, 18.03 |
| CIE LCh | 75, 39.010, 27.532 |
| Yxy | 48.7347, 0.4107, 0.3356 |
| Android (android.graphics.Color) | 4294942874 (0xFFFFA09A) |
| YUV | 187.7210, -16.6245, 59.0037 |
| Hunter-Lab | 69.8102, 30.3364, 17.5831 |

Details

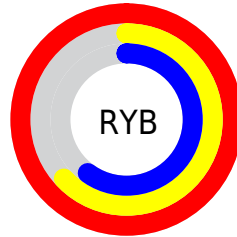
The XYZ color **59.6435, 48.7347, 36.8350** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.2505, 81.8378, 106.9648**, and the grayscale version is **47.7109, 50.1956, 54.6630**.

A 20% lighter version of the original color is **77.1810, 74.9258, 70.0688**, and **30.4708, 23.2304, 15.7099** is the 20% darker color. If you saturate the color by 10%, you get **53.9767, 40.4466, 25.5575**, and if you desaturate by 10%, it is **66.5659, 58.8120, 50.7575**.

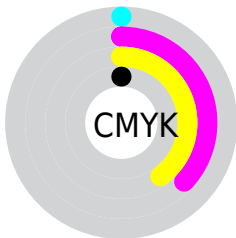
Distribution



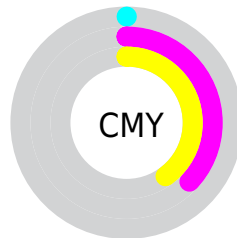
- Red (100%)
- Green (63%)
- Blue (60%)



- Red (100%)
- Yellow (63%)
- Blue (60%)



- Cyan (0%)
- Magenta (37%)
- Yellow (40%)
- Black (0%)




- Cyan (0%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6435, 48.7347, 36.8350 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 59.6435, 48.7347, 36.8350 by changing the saturation by 10% instead.


 59.6435, 48.7347,
36.8350


 59.6435, 48.7347,
36.8350


413.1383,
381.6970, 347.7428

 43.3797, 34.4091,
24.7850


 103.4216, 88.2973,
71.5024

 30.3790, 23.2080,
15.6994


 131.6667,
114.3031, 94.9569

 20.2759, 14.7472,
9.1596


164.6362,
144.9710, 123.0500

 12.7052, 8.6422,
4.7472

202.6956,
180.6855, 156.2002

 7.3015, 4.5085,
2.0436

246.2101,
221.8309, 194.8260

 3.6993, 1.9619,
0.5819

295.5452,

 1.5335, 0.5852,

268.7917, 239.3460

0.0000

351.0661,
321.9523, 290.1787

■ 0.3484, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6435, 48.7347,
36.8350

■ 59.6435, 48.7347,
36.8350

■ 53.9767, 40.4466,
25.5575

■ 66.5659, 58.8120,
50.7575

■ 49.4867, 33.8363,
16.7551

■ 74.8091, 70.7670,
67.4748

■ 46.0916, 28.7915,
10.2424

■ 84.4381, 84.6908,
87.1290

■ 43.6973, 25.1829,
5.8066

95.0499, 100.0000,
108.9000

■ 42.1938, 22.8604,
3.1955

■ 41.4323, 21.6359,
2.0212

■ 41.4131, 21.6062,
1.9877

Harmonies

Analogous

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



61.4938, 48.7347, 54.7813



59.6435, 48.7347, 36.8350



54.1176, 48.7347, 26.2504

Triad

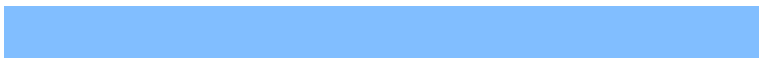
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.6435, 48.7347, 36.8350



35.6423, 48.7347, 34.5754



45.7301, 48.7347, 103.0517

Complementary

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



59.6435, 48.7347, 36.8350



65.2505, 81.8378, 106.9648

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.



39.3114, 48.7347, 93.7999



59.6435, 48.7347, 36.8350



33.8748, 48.7347, 51.3826

Square

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



59.6435, 48.7347, 36.8350



40.2399, 48.7347, 25.2018



35.1464, 48.7347, 73.4718



52.9856, 48.7347, 96.3062

Rectangle

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



59.6435, 48.7347, 36.8350



49.3595, 48.7347, 23.1091



35.1464, 48.7347, 73.4718



43.4096, 48.7347, 101.6664

Sweetspot

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



59.6448, 48.7371, 36.8359



82.0050, 81.1758, 82.1521



70.0432, 51.2705, 96.6058



17.2755, 16.9747, 17.0181



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.



59.6448, 48.7371, 36.8359



54.8064, 41.6631, 27.1988



70.0085, 69.4646, 40.2905



18.0960, 18.1603, 18.6958



21.6728, 11.3568, 1.0498



2.1393, 1.1639, 0.1119

Inverse Universe

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



65.2505, 81.8378, 106.9648



61.1417, 79.1378, 106.6604



51.9039, 55.1446, 102.5159



18.4569, 20.2854, 23.1926



25.7281, 36.3657, 55.0979



2.5320, 3.5948, 5.3737

Previews

White Background



This preview shows how the XYZ color 59.6435, 48.7347, 36.8350 looks on a white background.

Color Contrast Check

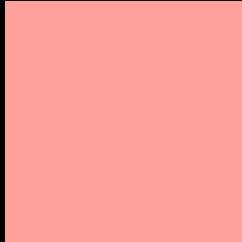
Large Text (above 18pt) WCAG AA × Fail

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 59.6435, 48.7347, 36.8350 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 59.6435, 48.7347, 36.8350

Background



This preview shows how black text looks on a background with the XYZ color 59.6435, 48.7347, 36.8350.



This preview shows how white text looks on a background with the XYZ color 59.6435, 48.7347,

36.8350.

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

59.6435, 48.7347, 36.8350

Protanopia

46.5721, 48.9573, 43.5543

Deuteranopia

50.0249, 49.0735, 36.1137



Tritanopia

60.7226, 48.6160, 44.2136

Trichromacy



Original Color

59.6435, 48.7347, 36.8350

Protanomaly

50.3658, 48.2582, 40.8426

Deuteranomaly

53.0531, 48.5950, 36.2893

Tritanomaly

60.3390, 48.7366, 41.3489

Monochromacy



Original Color

59.6435, 48.7347, 36.8350

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.9082, 48.9724, 47.8438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6435, 48.7347, 36.8350 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, 160, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 154)  
}
```

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, 160, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 154) }
```

Border

The CSS property to change the border of an element to XYZ 59.6435, 48.7347, 36.8350 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, 160, 154) }
```


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

```
.border{ border-color:rgb(255, 160, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6435, 48.7347, 36.8350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 154) }
```

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

```
.background{ background-color: rgb(255,  
160, 154) }
```

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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