

Converting Colors

XYZ(86.0272, 60.8768, 35.3261)

Have a look what the booklet for
XYZ(86.0272, 60.8768, 35.3261)
contains.

XYZ(58.1409, 46.5093, 33.9298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.1409, 46.5093,
33.9298)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9A94
RGB	255, 154, 148
RGB Percent	100%, 60%, 58%
CMY	0.0000, 0.3961, 0.4196
CMYK	0.00, 0.40, 0.42, 0.00
HSL	3°, 100%, 79%
HSV	3°, 42%, 100%
XYZ	58.1409, 46.5093, 33.9298
YIQ	183.5150, 62.1220, 19.5460

Conversions

Conversions Part 2

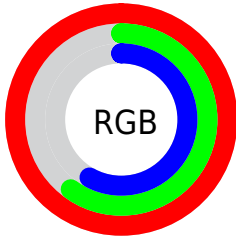
Format	Color
R _Y B	255, 154, 148
Decimal	16751252
CIE Lab	73.87, 37.05, 19.36
CIE LCh	74, 41.805, 27.593
Yxy	46.5093, 0.4195, 0.3356
Android (android.graphics.Color)	4294941332 (0xFFFF9A94)
YUV	183.5150, -17.5089, 62.6923
Hunter-Lab	68.1977, 32.8313, 18.2404

Details

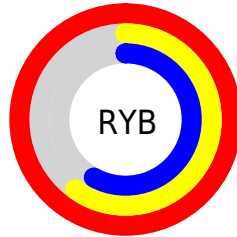
The XYZ color **58.1409, 46.5093, 33.9298** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.1368, 81.2638, 106.9128**, and the grayscale version is **45.3632, 47.7256, 51.9732**.

A 20% lighter version of the original color is **74.7011, 71.1252, 65.6685**, and **29.3170, 21.7725, 13.9666** is the 20% darker color. If you saturate the color by 10%, you get **52.7584, 38.6264, 23.2506**, and if you desaturate by 10%, it is **64.7668, 56.1674, 47.2177**.

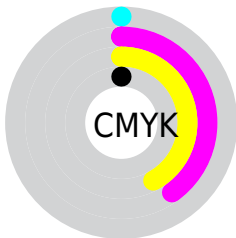
Distribution



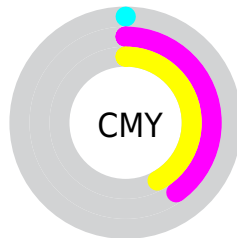
- Red (100%)
- Green (60%)
- Blue (58%)



- Red (100%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (40%)
- Yellow (42%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1409, 46.5093, 33.9298 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 58.1409, 46.5093, 33.9298 by changing the saturation by 10% instead.


 58.1409, 46.5093,
33.9298


 58.1409, 46.5093,
33.9298

407.6562,
372.8524, 334.5785

 42.1656, 32.6479,
22.5628

 101.2498, 84.9807,
66.9571

 29.4227, 21.8569,
14.0687


 129.1141,
110.3595, 89.4545

 19.5467, 13.7518,
8.0292


161.6722,
140.3462, 116.4991

 12.1723, 7.9482,
4.0256

199.2894,
175.3252, 148.5093

 6.9342, 4.0618,
1.6394

242.3310,
215.6810, 185.9039

 3.4669, 1.7082,
0.3187

291.1625,

 1.4052, 0.4290,

261.7978, 229.1012

0.0000

346.1491,
314.0602, 278.5199

■ 0.2599, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1409, 46.5093,
33.9298

■ 58.1409, 46.5093,
33.9298

■ 52.7584, 38.6264,
23.2506

■ 64.7668, 56.1674,
47.2177

■ 48.5383, 32.4043,
15.0060

■ 72.7033, 67.6924,
63.2676

■ 45.3957, 27.7260,
9.0049

■ 82.0169, 81.1777,
82.2240

■ 43.2327, 24.4564,
5.0268

■ 92.7687, 96.7086,
104.2206

■ 41.9332, 22.4372,
2.8061

95.0500, 100.0000,
108.9000

■ 41.4012, 21.5825,
1.9838

Harmonies

Analogous

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



60.1014, 46.5093, 52.3816



58.1409, 46.5093, 33.9298



52.3276, 46.5093, 23.3206

Triad

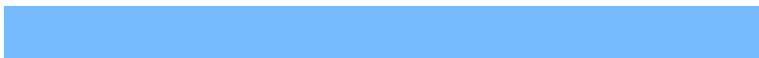
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.1409, 46.5093, 33.9298



33.1906, 46.5093, 31.6978



43.6074, 46.5093, 103.6207

Complementary

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



58.1409, 46.5093, 33.9298



64.1368, 81.2638, 106.9128

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.



36.9709, 46.5093, 93.7240



58.1409, 46.5093, 33.9298



31.3933, 46.5093, 48.9389

Square

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



58.1409, 46.5093, 33.9298



37.9027, 46.5093, 22.3091



32.6966, 46.5093, 72.0963



51.1714, 46.5093, 96.3427

Rectangle

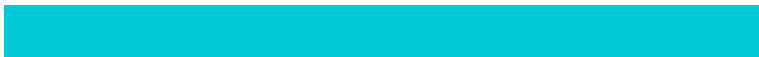
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.1409, 46.5093, 33.9298



47.3524, 46.5093, 20.2323



32.6966, 46.5093, 72.0963



41.2016, 46.5093, 102.1433

Sweetspot

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



58.1421, 46.5116, 33.9307



80.9827, 79.6818, 80.1138



69.0305, 49.3203, 96.0364



16.8746, 16.3910, 16.2119



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.



58.1421, 46.5116, 33.9307



53.7196, 40.0376, 25.1466



68.8620, 67.9514, 37.5040



18.0912, 18.1505, 18.6942



21.6654, 11.3421, 1.0473



2.1370, 1.1593, 0.1111

Inverse Universe

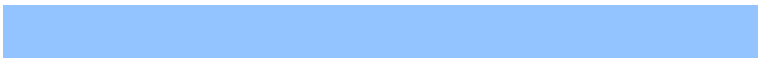
The Inverse Universe completely reimagines the original color for something new.



64.1368, 81.2638, 106.9128



60.3964, 78.8092, 106.6362



50.0369, 53.0638, 102.2128



18.4624, 20.2964, 23.1945



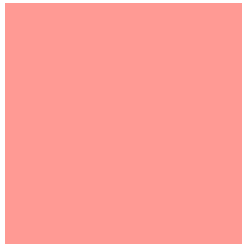
25.8570, 36.6236, 55.1408



2.5432, 3.6171, 5.3774

Previews

White Background



This preview shows how the XYZ color 58.1409, 46.5093, 33.9298 looks on a white background.

Color Contrast Check

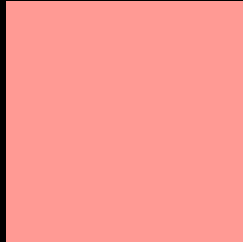
Large Text (above 18pt) WCAG AA × Fail

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 58.1409, 46.5093, 33.9298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

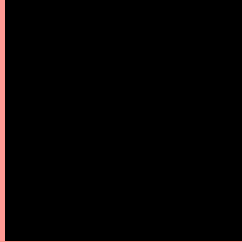
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1409, 46.5093, 33.9298

Background



This preview shows how black text looks on a background with the XYZ color 58.1409, 46.5093, 33.9298.



This preview shows how white text looks on a background with the XYZ color 58.1409, 46.5093,

33.9298.

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

58.1409, 46.5093, 33.9298

Protanopia

44.2807, 46.6035, 40.8440

Deuteranopia

47.5154, 46.6706, 32.8896



Tritanopia

59.0791, 46.3608, 40.4851

Trichromacy



Original Color

58.1409, 46.5093, 33.9298



Protanomaly

48.3803, 45.8563, 38.1995



Deuteranomaly

50.9245, 46.1757, 33.0169



Tritanomaly

58.8028, 46.5111, 38.2260

Monochromacy



Original Color

58.1409, 46.5093, 33.9298



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.8726, 46.5291, 44.9332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1409, 46.5093, 33.9298 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, 154, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 148)  
}
```

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, 154, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 148) }
```

Border

The CSS property to change the border of an element to XYZ 58.1409, 46.5093, 33.9298 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, 154, 148) }
```


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

```
.border{ border-color:rgb(255, 154, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1409, 46.5093, 33.9298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 148) }
```

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

```
.background{ background-color: rgb(255,  
154, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor