

Converting Colors

XYZ(67.6342, 50.8532, 40.6171)

Have a look what the booklet for
XYZ(67.6342, 50.8532, 40.6171)
contains.

| | |
|--|----|
| XYZ(58.9898, 46.3251, 40.0150) | 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(58.9898, 46.3251,
40.0150)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF98A2 |
| RGB | 255, 152, 162 |
| RGB Percent | 100%, 60%, 64% |
| CMY | 0.0000, 0.4039, 0.3647 |
| CMYK | 0.00, 0.40, 0.36, 0.00 |
| HSL | 354°, 100%, 80% |
| HSV | 354°, 40%, 100% |
| XYZ | 58.9898, 46.3251, 40.0150 |
| YIQ | 183.9370, 58.1780, 24.9460 |

Conversions

Conversions Part 2

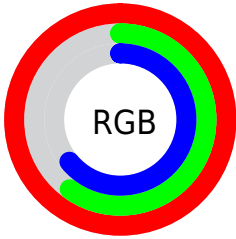
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 152, 162 |
| Decimal | 16750754 |
| CIE Lab | 73.76, 39.62, 11.49 |
| CIE LCh | 74, 41.252, 16.179 |
| Yxy | 46.3251, 0.4059, 0.3188 |
| Android (android.graphics.Color) | 4294940834 (0xFFFF98A2) |
| YUV | 183.9370, -10.8149, 62.3223 |
| Hunter-Lab | 68.0625, 35.5965, 12.7863 |

Details

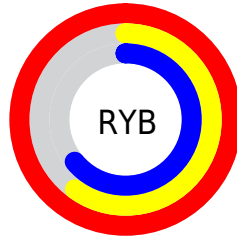
The XYZ color **58.9898, 46.3251, 40.0150** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.1925, 84.7889, 99.3206**, and the grayscale version is **45.5617, 47.9345, 52.2006**.

A 20% lighter version of the original color is **76.3203, 71.3815, 75.4011**, and **30.0960, 21.8071, 17.6619** is the 20% darker color. If you saturate the color by 10%, you get **53.4242, 38.1750, 28.9695**, and if you desaturate by 10%, it is **65.8222, 56.4088, 53.3325**.

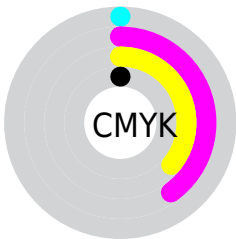
Distribution



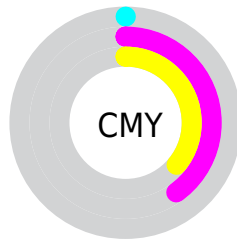
- Red (100%)
- Green (60%)
- Blue (64%)



- Red (100%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9898, 46.3251, 40.0150 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 58.9898, 46.3251, 40.0150 by changing the saturation by 10% instead.


 58.9898, 46.3251,
40.0150


 58.9898, 46.3251,
40.0150

410.7588,
372.1141, 361.7408

 42.8512, 32.5024,
27.2364


 102.4776, 84.7053,
76.4237

 29.9624, 21.7456,
17.5168

 130.5575,
110.0317, 100.8908

 19.9580, 13.6701,
10.4378

163.3485,
139.9614, 130.0912

 12.4726, 7.8915,
5.5808

201.2161,
174.8789, 164.4434

 7.1409, 4.0256,
2.5273

244.5256,
215.1685, 204.3659

 3.5975, 1.6879,
0.8546

293.6423,

 1.4770, 0.4158,

261.2146, 250.2773

0.0000

348.9316,
313.4017, 302.5960

■ 0.3101, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9898, 46.3251,
40.0150

■ 58.9898, 46.3251,
40.0150

■ 53.4242, 38.1750,
28.9695

■ 65.8222, 56.4088,
53.3325

■ 49.0438, 31.8285,
20.0664

■ 73.9891, 68.5318,
69.0365

■ 45.7630, 27.1502,
13.1670

■ 83.5578, 82.8000,
87.2369

■ 43.4832, 23.9827,
8.1150

■ 94.5899, 99.3104,
108.0361

■ 42.0877, 22.1386, 95.0500, 100.0000,
4.7309 108.9000

■ 41.4127, 21.3291,
2.8396

Harmonies

Analogous

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



59.1723, 46.3251, 60.7031



58.9898, 46.3251, 40.0150



54.5206, 46.3251, 26.5754

Triad

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



58.9898, 46.3251, 40.0150



34.6303, 46.3251, 27.3483



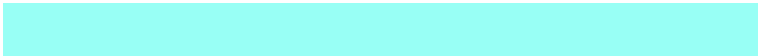
40.7509, 46.3251, 100.6228

Complementary

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



58.9898, 46.3251, 40.0150



65.1925, 84.7889, 99.3206

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.



34.9806, 46.3251, 85.4996



58.9898, 46.3251, 40.0150



31.7211, 46.3251, 41.4045

Square

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



58.9898, 46.3251, 40.0150



40.2216, 46.3251, 20.7720



31.8418, 46.3251, 62.5349



48.0728, 46.3251, 99.9437

Rectangle

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



58.9898, 46.3251, 40.0150



49.9676, 46.3251, 21.8066



31.8418, 46.3251, 62.5349



38.5836, 46.3251, 97.0708

Sweetspot

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



58.9910, 46.3274, 40.0159



81.9195, 80.3530, 84.1327



66.8312, 49.0374, 100.5504



17.2556, 16.7831, 17.4795



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.



58.9910, 46.3274, 40.0159



54.6435, 39.9540, 31.4092



66.0232, 61.7575, 38.1493



18.0810, 18.0157, 19.0435



21.6626, 11.1543, 1.6078



2.1320, 1.0952, 0.2767

Inverse Universe

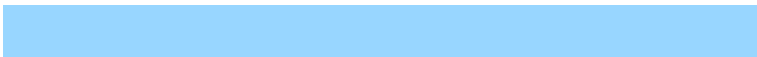
The Inverse Universe completely reimagines the original color for something new.



58.9910, 46.3274, 40.0159



54.6435, 39.9540, 31.4092



54.9969, 61.8894, 103.6549



18.0810, 18.0157, 19.0435



21.6626, 11.1543, 1.6078



2.1320, 1.0952, 0.2767

Previews

White Background



This preview shows how the XYZ color 58.9898, 46.3251, 40.0150 looks on a white background.

Color Contrast Check

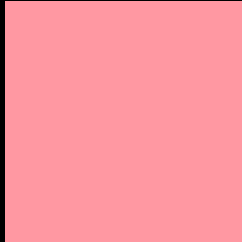
Large Text (above 18pt) WCAG AA × Fail

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 58.9898, 46.3251, 40.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

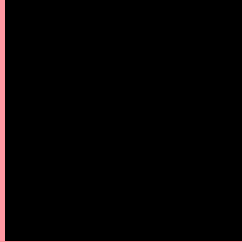
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9898, 46.3251, 40.0150

Background



This preview shows how black text looks on a background with the XYZ color 58.9898, 46.3251, 40.0150.



This preview shows how white text looks on a background with the XYZ color 58.9898, 46.3251,

40.0150.

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

58.9898, 46.3251, 40.0150

Protanopia

44.7094, 46.6612, 48.2450

Deuteranopia

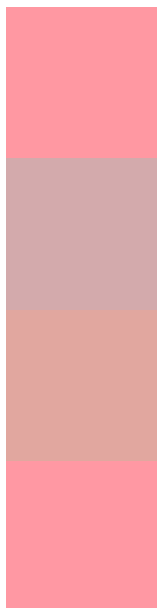
47.5140, 46.5385, 38.8263



Tritanopia

59.0791, 46.3608, 40.4851

Trichromacy



Original Color

58.9898, 46.3251, 40.0150

Protanomaly

48.6851, 45.5769, 45.2610

Deuteranomaly

51.1281, 46.1482, 39.0136

Tritanomaly

59.0791, 46.3608, 40.4851

Monochromacy



Original Color

58.9898, 46.3251, 40.0150

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

49.1673, 46.3413, 47.4277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9898, 46.3251, 40.0150 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, 152, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 162)  
}
```

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, 152, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 162) }
```

Border

The CSS property to change the border of an element to XYZ 58.9898, 46.3251, 40.0150 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, 152, 162) }
```


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

```
.border{ border-color:rgb(255, 152, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9898, 46.3251, 40.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 162) }
```

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

```
.background{ background-color: rgb(255,  
152, 162) }
```

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