

Converting Colors

XYZ(58.7714, 46.4985, 38.0609)

Have a look what the booklet for
XYZ(58.7714, 46.4985, 38.0609)
contains.

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Color

**XYZ(58.8028, 46.5111,
38.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	FF999E
RGB	255, 153, 158
RGB Percent	100%, 60%, 62%
CMY	0.0000, 0.4000, 0.3804
CMYK	0.00, 0.40, 0.38, 0.00
HSL	357°, 100%, 80%
HSV	357°, 40%, 100%
XYZ	58.8028, 46.5111, 38.2260
YIQ	184.0680, 59.1870, 23.1790

Conversions

Conversions Part 2

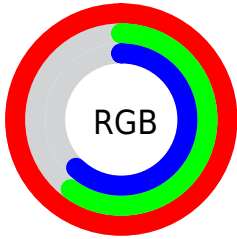
Format	Color
R _Y B	255, 153, 158
Decimal	16751006
CIE Lab	73.88, 38.65, 13.87
CIE LCh	74, 41.063, 19.739
Yxy	46.5111, 0.4097, 0.3240
Android (android.graphics.Color)	4294941086 (0xFFFF999E)
YUV	184.0680, -12.8515, 62.2074
Hunter-Lab	68.1990, 34.5585, 14.5069

Details

The XYZ color **58.8028, 46.5111, 38.2260** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1544, 85.1955, 103.4050**, and the grayscale version is **45.6446, 48.0217, 52.2956**.

A 20% lighter version of the original color is **76.0507, 71.6650, 72.7752**, and **29.9760, 21.9116, 16.5594** is the 20% darker color. If you saturate the color by 10%, you get **53.1806, 38.2843, 27.0495**, and if you desaturate by 10%, it is **65.7311, 56.6908, 51.8709**.

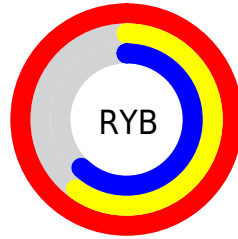
Distribution



Red (100%)

Green (60%)

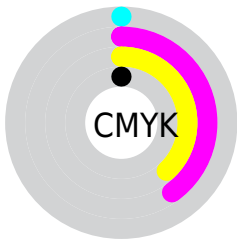
Blue (62%)



Red (100%)

Yellow (60%)

Blue (62%)

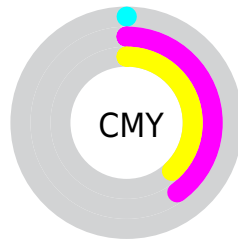


Cyan (0%)

Magenta (40%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8028, 46.5111, 38.2260 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 58.8028, 46.5111, 38.2260 by changing the saturation by 10% instead.


 58.8028, 46.5111,
38.2260


 58.8028, 46.5111,
38.2260


410.0765,
372.8596, 353.9157

 42.7002, 32.6493,
25.8549

 102.2073, 84.9834,
73.6617

 29.8434, 21.8579,
16.4904


 130.2398,
110.3627, 97.5634

 19.8673, 13.7526,
9.7137

162.9797,
140.3500, 126.1457

 12.4063, 7.9488,
5.1064

200.7922,
175.3296, 159.8272

 7.0952, 4.0622,
2.2500

244.0428,
215.6860, 199.0264

 3.5686, 1.7084,
0.7030

293.0969,

 1.4611, 0.4291,

261.8035, 244.1618

0.0000

348.3196,
314.0666, 295.6521

■ 0.2991, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8028, 46.5111,
38.2260

■ 58.8028, 46.5111,
38.2260

■ 53.1806, 38.2843,
27.0495

■ 65.7311, 56.6908,
51.8709

■ 48.7793, 31.8790,
18.1913

■ 74.0364, 68.9298,
68.1166

■ 45.5090, 27.1588,
11.4894

■ 83.7890, 83.3353,
87.0893

■ 43.2663, 23.9651,
6.7596

95.0500, 100.0000,
108.9000

■ 41.9285, 22.1091,
3.7869

■ 41.3095, 21.2879,
2.2956

■ 41.3094, 21.2877,
2.2953

Harmonies

Analogous

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



59.5330, 46.5111, 58.1578



58.8028, 46.5111, 38.2260



53.9288, 46.5111, 25.7140

Triad

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



58.8028, 46.5111, 38.2260



34.3243, 46.5111, 28.8257



41.7504, 46.5111, 101.4861

Complementary

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



58.8028, 46.5111, 38.2260



66.1544, 85.1955, 103.4050

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.



35.7307, 46.5111, 87.9966



58.8028, 46.5111, 38.2260



31.7674, 46.5111, 43.8046

Square

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



58.8028, 46.5111, 38.2260



39.6276, 46.5111, 21.4145



32.2522, 46.5111, 65.4932



49.1272, 46.5111, 98.7737

Rectangle

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



58.8028, 46.5111, 38.2260



49.2563, 46.5111, 21.4852



32.2522, 46.5111, 65.4932



39.5159, 46.5111, 98.5783

Sweetspot

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



58.8040, 46.5134, 38.2269



81.7168, 80.2720, 83.0655



68.8310, 50.3103, 100.6908



17.2084, 16.7642, 17.2307



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.



58.8040, 46.5134, 38.2269



54.2034, 39.7779, 29.0917



67.3916, 64.3627, 39.0113



18.0454, 18.0015, 18.8563



21.6001, 11.1293, 1.2786



2.1152, 1.0885, 0.1882

Inverse Universe

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



58.8040, 46.5134, 38.2269



54.2034, 39.7779, 29.0917



54.0140, 59.6445, 103.2734



18.0454, 18.0015, 18.8563



21.6001, 11.1293, 1.2786



2.1152, 1.0885, 0.1882

Previews

White Background



This preview shows how the XYZ color 58.8028, 46.5111, 38.2260 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 58.8028, 46.5111, 38.2260 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 58.8028, 46.5111, 38.2260

Background



This preview shows how black text looks on a background with the XYZ color 58.8028, 46.5111, 38.2260.



This preview shows how white text looks on a background with the XYZ color 58.8028, 46.5111,

38.2260.

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

58.8028, 46.5111, 38.2260

Protanopia

44.5602, 46.6297, 46.1870

Deuteranopia

47.4572, 46.5483, 37.0553



Tritanopia

59.1691, 46.3968, 40.9589

Trichromacy



Original Color

58.8028, 46.5111, 38.2260



Protanomaly

48.7822, 45.9500, 43.3439



Deuteranomaly

51.0991, 46.1727, 37.2294



Tritanomaly

58.9898, 46.3251, 40.0150

Monochromacy



Original Color

58.8028, 46.5111, 38.2260



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.2598, 46.6839, 46.9721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8028, 46.5111, 38.2260 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, 153, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 158)  
}
```

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, 153, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 158) }
```

Border

The CSS property to change the border of an element to XYZ 58.8028, 46.5111, 38.2260 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, 153, 158) }
```


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

```
.border{ border-color:rgb(255, 153, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8028, 46.5111, 38.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 158) }
```

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

```
.background{ background-color: rgb(255,  
153, 158) }
```

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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