

Converting Colors

XYZ(58.8570, 46.5328, 38.5113)

Have a look what the booklet for
XYZ(58.8570, 46.5328, 38.5113)
contains.

XYZ(58.8892, 46.5457, 38.6813)	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(58.8892, 46.5457,
38.6813)**

Conversions

Conversions Part 1

Format	Color
Hex	FF999F
RGB	255, 153, 159
RGB Percent	100%, 60%, 62%
CMY	0.0000, 0.4000, 0.3765
CMYK	0.00, 0.40, 0.38, 0.00
HSL	356°, 100%, 80%
HSV	356°, 40%, 100%
XYZ	58.8892, 46.5457, 38.6813
YIQ	184.1820, 58.8660, 23.4900

Conversions

Conversions Part 2

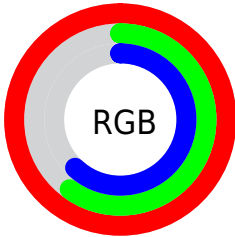
Format	Color
R _Y B	255, 153, 159
Decimal	16751007
CIE Lab	73.90, 38.76, 13.35
CIE LCh	74, 40.996, 19.003
Yxy	46.5457, 0.4086, 0.3230
Android (android.graphics.Color)	4294941087 (0xFFFF999F)
YUV	184.1820, -12.4147, 62.1074
Hunter-Lab	68.2244, 34.6830, 14.1413

Details

The XYZ color **58.8892, 46.5457, 38.6813** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9979, 85.1328, 102.5811**, and the grayscale version is **45.7054, 48.0857, 52.3653**.

A 20% lighter version of the original color is **76.1781, 71.7160, 73.4459**, and **30.0289, 21.9328, 16.8381** is the 20% darker color. If you saturate the color by 10%, you get **53.2681, 38.3193, 27.5104**, and if you desaturate by 10%, it is **65.8089, 56.7219, 52.2810**.

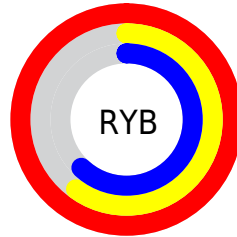
Distribution



Red (100%)

Green (60%)

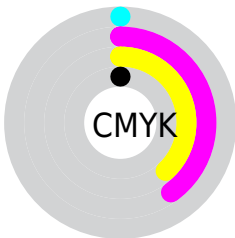
Blue (62%)



Red (100%)

Yellow (60%)

Blue (62%)

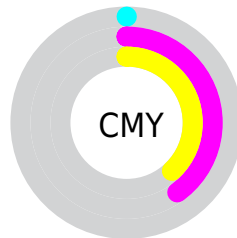


Cyan (0%)

Magenta (40%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8892, 46.5457, 38.6813 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 58.8892, 46.5457, 38.6813 by changing the saturation by 10% instead.


 58.8892, 46.5457,
38.6813

 58.8892, 46.5457,
38.6813


410.3918,
372.9982, 355.9190

 42.7700, 32.6767,
26.2060


 102.3322, 85.0351,
74.3662

 29.8984, 21.8789,
16.7506


 130.3866,
110.4242, 98.4128

 19.9092, 13.7679,
9.8968


163.1501,
140.4222, 127.1536

 12.4369, 7.9594,
5.2259

200.9881,
175.4134, 161.0071

 7.1163, 4.0690,
2.3193

244.2659,
215.7822, 200.3918

 3.5819, 1.7122,
0.7420

293.3489,

 1.4684, 0.4316,

261.9130, 245.7264

0.0000

348.6024,
314.1902, 297.4293

■ 0.3042, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8892, 46.5457,
38.6813

■ 58.8892, 46.5457,
38.6813

■ 53.2681, 38.3193,
27.5104

■ 65.8089, 56.7219,
52.2810

■ 48.8611, 31.9118,
18.6228

■ 74.0974, 68.9543,
68.4381

■ 45.5796, 27.1871,
11.8615

■ 83.8243, 83.3494,
87.2752

■ 43.3211, 23.9871,
7.0487

95.0499, 100.0000,
108.9000

■ 41.9646, 22.1236,
3.9774

■ 41.3262, 21.2946,
2.3838

■ 41.3260, 21.2944,
2.3835

Harmonies

Analogous

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



59.5053, 46.5457, 58.7453



58.8892, 46.5457, 38.6813



54.1061, 46.5457, 25.9846

Triad

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



58.8892, 46.5457, 38.6813



34.4661, 46.5457, 28.6116



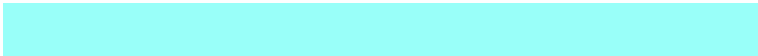
41.6154, 46.5457, 101.2931

Complementary

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



58.8892, 46.5457, 38.6813



65.9979, 85.1328, 102.5811

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.



35.6531, 46.5457, 87.4942



58.8892, 46.5457, 38.6813



31.8384, 46.5457, 43.3895

Square

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



58.8892, 46.5457, 38.6813



39.8238, 46.5457, 21.3736



32.2476, 46.5457, 64.9349



48.9718, 46.5457, 99.0049

Rectangle

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



58.8892, 46.5457, 38.6813



49.4649, 46.5457, 21.6440



32.2476, 46.5457, 64.9349



39.3971, 46.5457, 98.2587

Sweetspot

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



58.8904, 46.5480, 38.6822



81.7580, 80.2885, 83.2824



68.2248, 49.9979, 100.6623



17.2180, 16.7681, 17.2813



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.



58.8904, 46.5480, 38.6822



54.2913, 39.8131, 29.5543



67.0029, 63.5853, 38.8818



18.0526, 18.0044, 18.8944



21.6106, 11.1335, 1.3339



2.1187, 1.0898, 0.2063

Inverse Universe

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



58.8904, 46.5480, 38.6822



54.2913, 39.8131, 29.5543



54.4335, 60.4837, 103.4131



18.0526, 18.0044, 18.8944



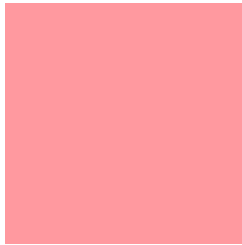
21.6106, 11.1335, 1.3339



2.1187, 1.0898, 0.2063

Previews

White Background



This preview shows how the XYZ color 58.8892, 46.5457, 38.6813 looks on a white background.

Color Contrast Check

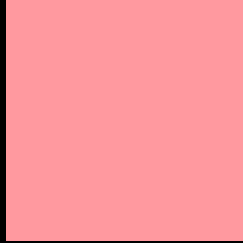
Large Text (above 18pt) WCAG AA × Fail

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 58.8892, 46.5457, 38.6813 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 58.8892, 46.5457, 38.6813

Background



This preview shows how black text looks on a background with the XYZ color 58.8892, 46.5457, 38.6813.



This preview shows how white text looks on a background with the XYZ color 58.8892, 46.5457,

38.6813.

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

58.8892, 46.5457, 38.6813

Protanopia

44.6574, 46.6685, 46.6986

Deuteranopia

47.5409, 46.5818, 37.4959



Tritanopia

59.3321, 46.7228, 41.0132

Trichromacy



Original Color

58.8892, 46.5457, 38.6813



Protanomaly

48.8757, 45.9874, 43.8366



Deuteranomaly

51.1835, 46.2065, 37.6736



Tritanomaly

59.1528, 46.6511, 40.0693

Monochromacy



Original Color

58.8892, 46.5457, 38.6813



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 58.8892, 46.5457, 38.6813 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 159) }
```

Border

The CSS property to change the border of an element to XYZ 58.8892, 46.5457, 38.6813 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, 159) }
```


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

```
.border{ border-color:rgb(255, 153, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8892, 46.5457, 38.6813 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, 159) }
```

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

```
.background{ background-color: rgb(255,  
153, 159) }
```

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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