

Converting Colors

XYZ(58.5646, 45.8964, 38.5731)

Have a look what the booklet for
XYZ(58.5646, 45.8964, 38.5731)
contains.

XYZ(58.5646, 45.8964, 38.5731)	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(58.5646, 45.8964,
38.5731)**

Conversions

Conversions Part 1

Format	Color
Hex	FF979F
RGB	255, 151, 159
RGB Percent	100%, 59%, 62%
CMY	0.0000, 0.4078, 0.3765
CMYK	0.00, 0.41, 0.38, 0.00
HSL	355°, 100%, 80%
HSV	355°, 41%, 100%
XYZ	58.5646, 45.8964, 38.5731
YIQ	183.0080, 59.4160, 24.5360

Conversions

Conversions Part 2

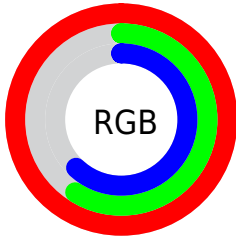
Format	Color
R _Y B	255, 151, 159
Decimal	16750495
CIE Lab	73.48, 39.79, 12.76
CIE LCh	73, 41.783, 17.777
Yxy	45.8964, 0.4094, 0.3209
Android (android.graphics.Color)	4294940575 (0xFFFF979F)
YUV	183.0080, -11.8359, 63.1370
Hunter-Lab	67.7469, 35.7494, 13.6648

Details

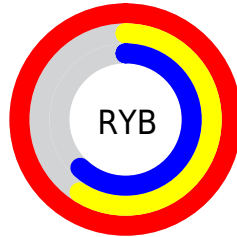
The XYZ color **58.5646, 45.8964, 38.5731** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.3132, 84.8157, 100.9290**, and the grayscale version is **45.0553, 47.4017, 51.6205**.

A 20% lighter version of the original color is **75.6904, 70.7407, 73.2833**, and **29.5801, 21.4202, 16.7628** is the 20% darker color. If you saturate the color by 10%, you get **53.0437, 37.8182, 27.5963**, and if you desaturate by 10%, it is **65.3644, 55.9096, 51.8962**.

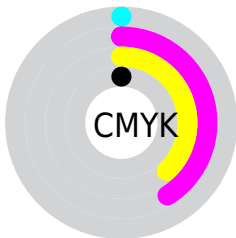
Distribution



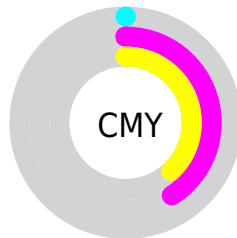
- Red (100%)
- Green (59%)
- Blue (62%)



- Red (100%)
- Yellow (59%)
- Blue (62%)



- Cyan (0%)
- Magenta (41%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5646, 45.8964, 38.5731 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 58.5646, 45.8964, 38.5731 by changing the saturation by 10% instead.


 58.5646, 45.8964,
38.5731

 58.5646, 45.8964,
38.5731


409.2065,
370.3920, 355.4437

 42.5077, 32.1641,
26.1225


 101.8628, 84.0639,
74.1988

 29.6919, 21.4869,
16.6887


 129.8349,
109.2679, 98.2111

 19.7518, 13.4803,
9.8532


162.5095,
139.0646, 126.9143

 12.3219, 7.7601,
5.1974

200.2518,
173.8384, 160.7270

 7.0371, 3.9418,
2.3028

243.4274,
213.9736, 200.0678

 3.5318, 1.6411,
0.7328

292.4014,

 1.4409, 0.3851,

259.8547, 245.3551

0.0000

347.5393,
311.8660, 297.0076

■ 0.2851, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5646, 45.8964,
38.5731

■ 58.5646, 45.8964,
38.5731

■ 53.0437, 37.8182,
27.5963

■ 65.3644, 55.9096,
51.8962

■ 48.7181, 31.5438,
18.8272

■ 73.5125, 67.9644,
67.6878

■ 45.5001, 26.9364,
12.1168

■ 83.0776, 82.1677,
86.0650

■ 43.2881, 23.8370,
7.2966

■ 94.1226, 98.6170,
107.1365

■ 41.9621, 22.0553, 95.0500, 100.0000,
4.1711 108.9000

■ 41.3627, 21.3091,
2.5764

Harmonies

Analogous

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



58.9984, 45.8964, 59.0721



58.5646, 45.8964, 38.5731



53.8613, 45.8964, 25.5321

Triad

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



58.5646, 45.8964, 38.5731



33.9438, 45.8964, 27.3519



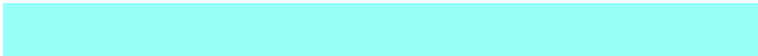
40.6899, 45.8964, 101.0881

Complementary

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



58.5646, 45.8964, 38.5731



65.3132, 84.8157, 100.9290

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.



34.7723, 45.8964, 86.4762



58.5646, 45.8964, 38.5731



31.1821, 45.8964, 41.8605

Square

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



58.5646, 45.8964, 38.5731



39.4360, 45.8964, 20.4228



31.4672, 45.8964, 63.4239



48.0966, 45.8964, 99.4679

Rectangle

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



58.5646, 45.8964, 38.5731



49.2080, 45.8964, 21.0218



31.4672, 45.8964, 63.4239



38.4777, 45.8964, 97.7731

Sweetspot

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



58.5658, 45.8987, 38.5740



81.8342, 80.3190, 83.6839



67.2410, 49.0087, 100.5233



17.2358, 16.7752, 17.3748



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.



58.5658, 45.8987, 38.5740



53.9375, 39.1219, 29.3863



66.1934, 62.2285, 37.8036



18.0660, 18.0097, 18.9649



21.6329, 11.1425, 1.4514



2.1250, 1.0924, 0.2396

Inverse Universe

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



58.5658, 45.8987, 38.5740



53.9375, 39.1219, 29.3863



54.2747, 60.7219, 103.4676



18.0660, 18.0097, 18.9649



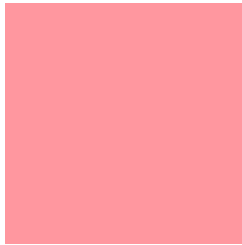
21.6329, 11.1425, 1.4514



2.1250, 1.0924, 0.2396

Previews

White Background



This preview shows how the XYZ color 58.5646, 45.8964, 38.5731 looks on a white background.

Color Contrast Check

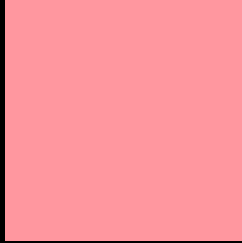
Large Text (above 18pt) WCAG AA × Fail

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 58.5646, 45.8964, 38.5731 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 58.5646, 45.8964, 38.5731

Background



This preview shows how black text looks on a background with the XYZ color 58.5646, 45.8964, 38.5731.



This preview shows how white text looks on a background with the XYZ color 58.5646, 45.8964,

38.5731.

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

58.5646, 45.8964, 38.5731

Protanopia

44.2109, 46.1376, 46.6197

Deuteranopia

47.0649, 46.0486, 37.4180



Tritanopia

58.8282, 46.0019, 39.9611

Trichromacy



Original Color

58.5646, 45.8964, 38.5731



Protanomaly

48.2134, 45.0894, 43.6981



Deuteranomaly

50.6883, 45.6803, 37.5981



Tritanomaly

58.7396, 45.9664, 39.4947

Monochromacy



Original Color

58.5646, 45.8964, 38.5731



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

48.4974, 45.7371, 46.3165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5646, 45.8964, 38.5731 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, 151, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 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, 151, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 159) }
```

Border

The CSS property to change the border of an element to XYZ 58.5646, 45.8964, 38.5731 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, 151, 159) }
```


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

```
.border{ border-color:rgb(255, 151, 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, 151, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5646, 45.8964, 38.5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 159) }
```

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

```
.background{ background-color: rgb(255,  
151, 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](#).

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