

Converting Colors

XYZ(60.3676, 43.2320, 58.5050)

Have a look what the booklet for
XYZ(60.3676, 43.2320, 58.5050)
contains.

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Color

**XYZ(60.3787, 43.2285,
58.5877)**

Conversions

Conversions Part 1

Format	Color
Hex	FF89C6
RGB	255, 137, 198
RGB Percent	100%, 54%, 78%
CMY	0.0000, 0.4627, 0.2235
CMYK	0.00, 0.46, 0.22, 0.00
HSL	329°, 100%, 77%
HSV	329°, 46%, 100%
XYZ	60.3787, 43.2285, 58.5877
YIQ	179.2360, 50.7470, 43.9870

Conversions

Conversions Part 2

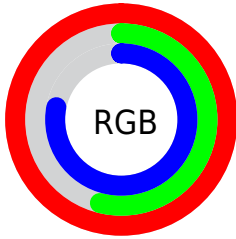
Format	Color
R _Y B	255, 137, 198
Decimal	16746950
CIE Lab	71.71, 51.76, -11.45
CIE LCh	72, 53.010, 347.528
Yxy	43.2285, 0.3723, 0.2665
Android (android.graphics.Color)	4294937030 (0xFFFF89C6)
YUV	179.2360, 9.2507, 66.4450
Hunter-Lab	65.7484, 48.8622, -6.8088

Details

The XYZ color **60.3787, 43.2285, 58.5877** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.8159, 80.7342, 63.6839**, and the grayscale version is **42.9080, 45.1425, 49.1602**.

A 20% lighter version of the original color is **78.3600, 66.6199, 103.3367**, and **30.8922, 19.9359, 28.6054** is the 20% darker color. If you saturate the color by 10%, you get **55.8091, 36.2715, 50.3372**, and if you desaturate by 10%, it is **65.9224, 51.9486, 67.7340**.

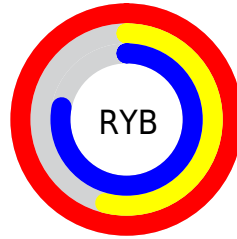
Distribution



Red (100%)

Green (54%)

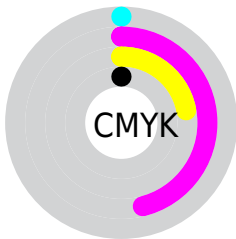
Blue (78%)



Red (100%)

Yellow (54%)

Blue (78%)

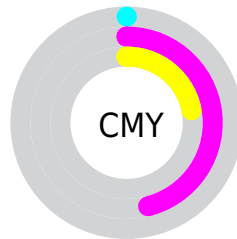


Cyan (0%)

Magenta (46%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (46%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3787, 43.2285, 58.5877 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 60.3787, 43.2285, 58.5877 by changing the saturation by 10% instead.


 60.3787, 43.2285,
58.5877


 60.3787, 43.2285,
58.5877


415.8046,
359.5506, 437.0315


 43.9746, 30.0644,
41.8635


 104.4820, 80.0556,
104.3014

 30.8483, 19.8875,
28.6696

 132.9120,
104.4874, 134.1280

 20.6347, 12.3133,
18.5876


 166.0812,
133.4438, 169.1591

 12.9681, 6.9574,
11.1989

204.3551,
167.3094, 209.8133

 7.4835, 3.4355,
6.0849

248.0991,
206.4685, 256.5091

 3.8153, 1.3631,
2.8272

297.6784,

 1.5982, 0.1893,

251.3055, 309.6650

1.0071

353.4585,
302.2047, 369.6997

■ 0.3912, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3787, 43.2285,
58.5877

■ 60.3787, 43.2285,
58.5877

■ 55.8091, 36.2715,
50.3372

■ 65.9224, 51.9486,
67.7340

■ 52.1464, 30.9479,
42.9453

■ 72.4951, 62.5375,
77.8061

■ 49.3196, 27.1199,
36.3747

■ 80.1509, 75.0994,
88.8350

■ 47.2443, 24.6237,
30.5827

■ 88.9393, 89.7293,
100.8495

■ 45.8163, 23.2556, 95.0500, 100.0000,
25.5193 108.9000

■ 45.3923, 22.9209,
23.7959

Harmonies

Analogous

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



55.1997, 43.2285, 89.0261



60.3787, 43.2285, 58.5877



59.8700, 43.2285, 33.6793

Triad

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



60.3787, 43.2285, 58.5877



36.0988, 43.2285, 13.8879



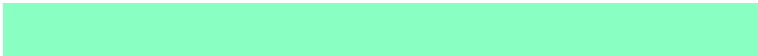
30.4873, 43.2285, 93.8327

Complementary

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



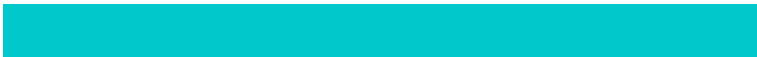
60.3787, 43.2285, 58.5877



55.8159, 80.7342, 63.6839

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.



26.7119, 43.2285, 63.6054



60.3787, 43.2285, 58.5877



29.6121, 43.2285, 20.9327

Square

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



60.3787, 43.2285, 58.5877



44.9340, 43.2285, 13.3930



26.4168, 43.2285, 37.1677



37.4668, 43.2285, 113.8278

Rectangle

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



60.3787, 43.2285, 58.5877



56.3747, 43.2285, 22.8967



26.4168, 43.2285, 37.1677



28.8484, 43.2285, 84.1171

Sweetspot

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



60.3797, 43.2305, 58.5885



82.0464, 78.2383, 91.4770



48.7526, 36.3289, 99.0504



17.1757, 16.1076, 19.0425



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.



60.3797, 43.2305, 58.5885



55.9210, 36.4384, 50.5500



54.9899, 41.0745, 30.2057



18.4015, 18.1439, 20.7312



23.7944, 12.0070, 12.8335



2.3720, 1.1912, 1.5404

Inverse Universe

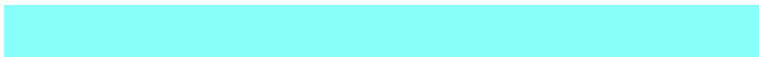
The Inverse Universe completely reimagines the original color for something new.



60.3797, 43.2305, 58.5885



55.9210, 36.4384, 50.5500



63.5008, 83.8082, 104.1518



18.4015, 18.1439, 20.7312



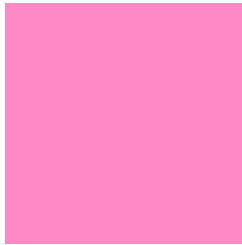
23.7944, 12.0070, 12.8335



2.3720, 1.1912, 1.5404

Previews

White Background



This preview shows how the XYZ color 60.3787, 43.2285, 58.5877 looks on a white background.

Color Contrast Check

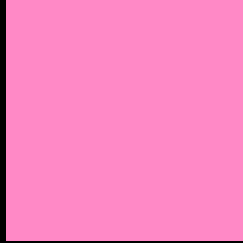
Large Text (above 18pt) WCAG AA × Fail

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 60.3787, 43.2285, 58.5877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

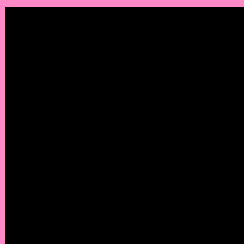
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3787, 43.2285, 58.5877

Background



This preview shows how black text looks on a background with the XYZ color 60.3787, 43.2285, 58.5877.



This preview shows how white text looks on a background with the XYZ color 60.3787, 43.2285,

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

60.3787, 43.2285, 58.5877

Protanopia

43.7652, 43.4923, 75.9002

Deuteranopia

44.3270, 43.3707, 55.9043



Tritanopia

55.9098, 43.1603, 36.8365

Trichromacy



Original Color

60.3787, 43.2285, 58.5877



Protanomaly

47.9084, 42.2151, 69.2416



Deuteranomaly

48.9997, 42.5402, 56.6675



Tritanomaly

57.1686, 42.9817, 43.8113

Monochromacy



Original Color

60.3787, 43.2285, 58.5877



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

47.8705, 43.3615, 52.3009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3787, 43.2285, 58.5877 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, 137, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 198)  
}
```

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, 137, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 198) }
```

Border

The CSS property to change the border of an element to XYZ 60.3787, 43.2285, 58.5877 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, 137, 198) }
```


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

```
.border{ border-color:rgb(255, 137, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3787, 43.2285, 58.5877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 198) }
```

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

```
.background{ background-color: rgb(255,  
137, 198) }
```

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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