

Converting Colors

XYZ(82.5719, 52.9870, 59.4484)

Have a look what the booklet for
XYZ(82.5719, 52.9870, 59.4484)
contains.

XYZ(59.2833, 41.0377, 58.2226)	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(59.2833, 41.0377,
58.2226)**

Conversions

Conversions Part 1

Format	Color
Hex	FF81C6
RGB	255, 129, 198
RGB Percent	100%, 51%, 78%
CMY	0.0000, 0.4941, 0.2235
CMYK	0.00, 0.49, 0.22, 0.00
HSL	327°, 100%, 75%
HSV	327°, 49%, 100%
XYZ	59.2833, 41.0377, 58.2226
YIQ	174.5400, 52.9470, 48.1710

Conversions

Conversions Part 2

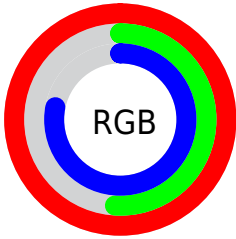
Format	Color
R_{YB}	255, 129, 198
Decimal	16744902
CIE _{Lab}	70.20, 55.64, -13.71
CIE _{LCh}	70, 57.305, 346.160
Yxy	41.0377, 0.3739, 0.2588
Android (android.graphics.Color)	4294934982 (0xFFFF81C6)
YUV	174.5400, 11.5658, 70.5634
Hunter-Lab	64.0607, 53.0820, -9.0442

Details

The XYZ color **59.2833, 41.0377, 58.2226** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.6779, 79.7331, 59.0187**, and the grayscale version is **40.4343, 42.5400, 46.3261**.

A 20% lighter version of the original color is **76.6390, 63.1779, 102.7630**, and **30.2478, 18.6469, 28.3905** is the 20% darker color. If you saturate the color by 10%, you get **55.0532, 34.6266, 50.4958**, and if you desaturate by 10%, it is **64.4547, 49.1690, 66.7642**.

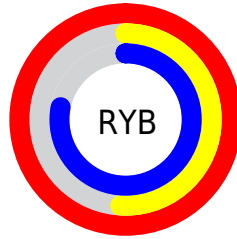
Distribution



Red (100%)

Green (51%)

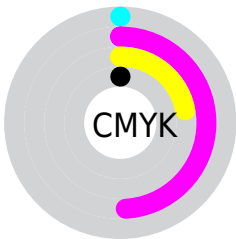
Blue (78%)



Red (100%)

Yellow (51%)

Blue (78%)

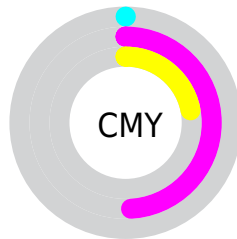


Cyan (0%)

Magenta (49%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2833, 41.0377, 58.2226 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 59.2833, 41.0377, 58.2226 by changing the saturation by 10% instead.


 59.2833, 41.0377,
58.2226


 59.2833, 41.0377,
58.2226


411.8282,
350.4782, 435.6363


 43.0885, 28.3485,
41.5717

 102.9016, 76.7411,
103.7649

 30.1494, 18.5886,
28.4430


 131.0557,
100.5242, 133.4935

 20.1006, 11.3734,
18.4180


 163.9270,
128.7740, 168.4183

 12.5769, 6.3186,
11.0779

201.8808,
161.8749, 208.9581

 7.2128, 3.0397,
6.0044

245.2825,
200.2114, 255.5312

 3.6431, 1.1525,
2.7790

294.4974,

 1.5023, 0.0224,

244.1679, 308.5562

0.9829

349.8908,
294.1287, 368.4517

■ 0.3274, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2833, 41.0377,
58.2226

■ 59.2833, 41.0377,
58.2226

■ 55.0532, 34.6266,
50.4958

■ 64.4547, 49.1690,
66.7642

■ 51.6957, 29.8021,
43.5483

■ 70.6236, 59.1297,
76.1486

■ 49.1368, 26.4199,
37.3447

■ 77.8450, 71.0265,
86.4051

■ 47.2878, 24.3065,
31.8433

■ 86.1691, 84.9562,
97.5604

■ 46.0136, 23.1956,
26.9868

95.0500, 100.0000,
108.9000

■ 45.9470, 23.1428,
26.7166

Harmonies

Analogous

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



53.5237, 41.0377, 90.8952



59.2833, 41.0377, 58.2226



59.0337, 41.0377, 31.7866

Triad

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



59.2833, 41.0377, 58.2226



34.1948, 41.0377, 11.1549



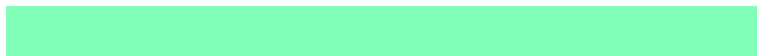
27.7926, 41.0377, 93.2910

Complementary

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



59.2833, 41.0377, 58.2226



53.6779, 79.7331, 59.0187

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.



24.1120, 41.0377, 60.6668



59.2833, 41.0377, 58.2226



27.3825, 41.0377, 17.5929

Square

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



59.2833, 41.0377, 58.2226



43.4835, 41.0377, 10.9416



23.9751, 41.0377, 33.4244



34.8452, 41.0377, 116.0006

Rectangle

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



59.2833, 41.0377, 58.2226



55.4656, 41.0377, 20.5985



23.9751, 41.0377, 33.4244



26.1734, 41.0377, 82.6436

Sweetspot

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



59.2843, 41.0396, 58.2234



81.3764, 76.9121, 91.2113



46.0790, 33.3244, 98.6114



17.0507, 15.8494, 19.0264



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.



59.2843, 41.0396, 58.2234



55.2087, 34.8569, 50.7963



53.4860, 38.7203, 27.6897



18.4256, 18.1535, 20.8582



24.0847, 12.1232, 14.3622



2.4002, 1.2024, 1.6887

Inverse Universe

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



59.2843, 41.0396, 58.2234



55.2087, 34.8569, 50.7963



61.8665, 83.0085, 102.1392



18.4256, 18.1535, 20.8582



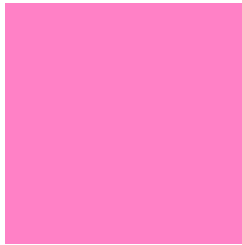
24.0847, 12.1232, 14.3622



2.4002, 1.2024, 1.6887

Previews

White Background



This preview shows how the XYZ color 59.2833, 41.0377, 58.2226 looks on a white background.

Color Contrast Check

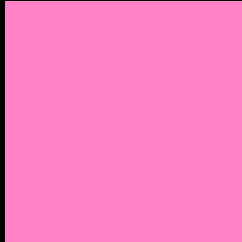
Large Text (above 18pt) WCAG AA × Fail

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 59.2833, 41.0377, 58.2226 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 59.2833, 41.0377, 58.2226

Background



This preview shows how black text looks on a background with the XYZ color 59.2833, 41.0377, 58.2226.



This preview shows how white text looks on a background with the XYZ color 59.2833, 41.0377,

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

59.2833, 41.0377, 58.2226

Protanopia

42.0068, 41.4085, 77.7302

Deuteranopia

42.1555, 41.1465, 55.5894



Tritanopia

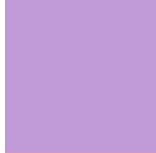
54.0818, 40.9592, 33.4893

Trichromacy



Original Color

59.2833, 41.0377, 58.2226



Protanomaly

46.1083, 39.7380, 70.2058



Deuteranomaly

46.8610, 39.9429, 56.2788



Tritanomaly

55.7839, 40.8134, 41.4969

Monochromacy



Original Color

59.2833, 41.0377, 58.2226



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

45.6759, 40.7100, 50.2502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2833, 41.0377, 58.2226 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, 129, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 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, 129, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 198) }
```

Border

The CSS property to change the border of an element to XYZ 59.2833, 41.0377, 58.2226 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, 129, 198) }
```


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

```
.border{ border-color:rgb(255, 129, 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, 129, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2833, 41.0377, 58.2226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 198) }
```

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

```
.background{ background-color: rgb(255,  
129, 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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