

Converting Colors

XYZ(59.5031, 41.3382, 58.7246)

Have a look what the booklet for
XYZ(59.5031, 41.3382, 58.7246)
contains.

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Color

**XYZ(59.5314, 41.3488,
58.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82C7
RGB	255, 130, 199
RGB Percent	100%, 51%, 78%
CMY	0.0000, 0.4902, 0.2196
CMYK	0.00, 0.49, 0.22, 0.00
HSL	327°, 100%, 75%
HSV	327°, 49%, 100%
XYZ	59.5314, 41.3488, 58.8763
YIQ	175.2410, 52.3510, 47.9590

Conversions

Conversions Part 2

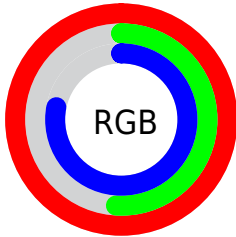
Format	Color
R_{YB}	255, 130, 199
Decimal	16745159
CIE _{Lab}	70.42, 55.30, -13.94
CIE _{LCh}	70, 57.030, 345.853
Yxy	41.3488, 0.3726, 0.2588
Android (android.graphics.Color)	4294935239 (0xFFFF82C7)
YUV	175.2410, 11.7132, 69.9486
Hunter-Lab	64.3030, 52.7240, -9.2742

Details

The XYZ color **59.5314, 41.3488, 58.8763** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.8306, 79.8118, 59.0260**, and the grayscale version is **40.7959, 42.9204, 46.7403**.

A 20% lighter version of the original color is **76.8489, 63.5978, 102.8330**, and **30.3919, 18.8123, 28.8174** is the 20% darker color. If you saturate the color by 10%, you get **55.2730, 34.8756, 51.1563**, and if you desaturate by 10%, it is **64.7319, 49.5462, 67.4026**.

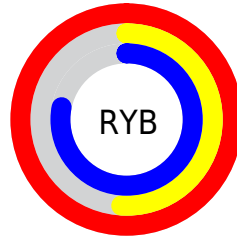
Distribution



Red (100%)

Green (51%)

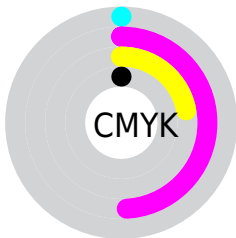
Blue (78%)



Red (100%)

Yellow (51%)

Blue (78%)

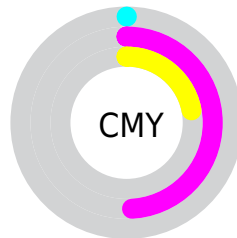


Cyan (0%)

Magenta (49%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5314, 41.3488, 58.8763 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 59.5314, 41.3488, 58.8763 by changing the saturation by 10% instead.


 59.5314, 41.3488,
58.8763


 59.5314, 41.3488,
58.8763


412.7308,
351.7763, 438.1325


 43.2891, 28.5917,
42.0942

 103.2598, 77.2131,
104.7252

 30.3075, 18.7722,
28.8489

 131.4766,
101.0891, 134.6291

 20.2213, 11.5058,
18.7220


 164.4156,
129.4403, 169.7440

 12.6652, 6.4081,
11.2948

202.4421,
162.6509, 210.4884

 7.2738, 3.0948,
6.1488

245.9216,
201.1054, 257.2810

 3.6818, 1.1814,
2.8655

295.2193,

 1.5237, 0.0465,

245.1882, 310.5401

1.0264

350.7006,
295.2837, 370.6844

■ 0.3419, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5314, 41.3488,
58.8763

■ 59.5314, 41.3488,
58.8763

■ 55.2730, 34.8756,
51.1563

■ 64.7319, 49.5462,
67.4026

■ 51.8880, 29.9936,
44.2076

■ 70.9300, 59.5765,
76.7627

■ 49.3031, 26.5594,
37.9952

■ 78.1808, 71.5461,
86.9856

■ 47.4302, 24.4008,
32.4783

■ 86.5341, 85.5515,
98.0975

■ 46.1406, 23.2638,
27.6018

95.0500, 100.0000,
108.9000

■ 46.0295, 23.1758,
27.1512

Harmonies

Analogous

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



53.7283, 41.3488, 91.4810



59.5314, 41.3488, 58.8763



59.3482, 41.3488, 32.3252

Triad

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



59.5314, 41.3488, 58.8763



34.5733, 41.3488, 11.3546



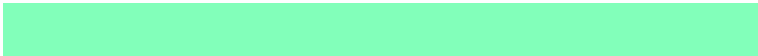
28.0212, 41.3488, 93.2374

Complementary

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



59.5314, 41.3488, 58.8763



53.8306, 79.8118, 59.0260

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.



24.3682, 41.3488, 60.6714



59.5314, 41.3488, 58.8763



27.7191, 41.3488, 17.7609

Square

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



59.5314, 41.3488, 58.8763



43.8799, 41.3488, 11.1964



24.2672, 41.3488, 33.5315



35.0519, 41.3488, 116.0572

Rectangle

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



59.5314, 41.3488, 58.8763



55.8223, 41.3488, 21.0236



24.2672, 41.3488, 33.5315



26.4105, 41.3488, 82.5958

Sweetspot

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



59.5325, 41.3507, 58.8771



81.4010, 76.9219, 91.3407



45.8417, 33.3986, 98.6382



17.0566, 15.8517, 19.0576



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.



59.5325, 41.3507, 58.8771



55.2794, 34.8851, 51.1686



53.8357, 39.0720, 28.8782



18.4290, 18.1549, 20.8764



24.1278, 12.1404, 14.5894



2.4043, 1.2041, 1.7105

Inverse Universe

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



59.5325, 41.3507, 58.8771



55.2794, 34.8851, 51.1686



61.7042, 82.9613, 100.4876



18.4290, 18.1549, 20.8764



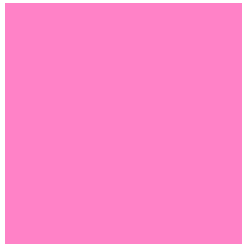
24.1278, 12.1404, 14.5894



2.4043, 1.2041, 1.7105

Previews

White Background



This preview shows how the XYZ color 59.5314, 41.3488, 58.8763 looks on a white background.

Color Contrast Check

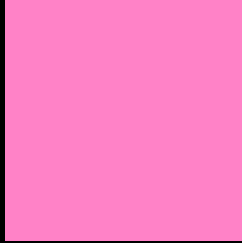
Large Text (above 18pt) WCAG AA × Fail

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 59.5314, 41.3488, 58.8763 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 59.5314, 41.3488, 58.8763

Background



This preview shows how black text looks on a background with the XYZ color 59.5314, 41.3488, 58.8763.



This preview shows how white text looks on a background with the XYZ color 59.5314, 41.3488,

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

59.5314, 41.3488, 58.8763

Protanopia

42.3327, 41.8400, 78.5178

Deuteranopia

42.4507, 41.5588, 56.2363



Tritanopia

54.3074, 41.2822, 33.9601

Trichromacy



Original Color

59.5314, 41.3488, 58.8763



Protanomaly

46.4052, 40.1241, 70.9446



Deuteranomaly

47.1381, 40.3167, 56.9272



Tritanomaly

56.0169, 41.1309, 42.0324

Monochromacy



Original Color

59.5314, 41.3488, 58.8763



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

45.9517, 41.0943, 50.8575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5314, 41.3488, 58.8763 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, 130, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 199)  
}
```

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, 130, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.5314, 41.3488, 58.8763 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, 130, 199) }
```


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

```
.border{ border-color:rgb(255, 130, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5314, 41.3488, 58.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 199) }
```

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

```
.background{ background-color: rgb(255,  
130, 199) }
```

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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