

Converting Colors

XYZ(98.5575, 61.6546, 55.6790)

Have a look what the booklet for
XYZ(98.5575, 61.6546, 55.6790)
contains.

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Color

**XYZ(58.5169, 40.9430,
53.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82BE
RGB	255, 130, 190
RGB Percent	100%, 51%, 75%
CMY	0.0000, 0.4902, 0.2549
CMYK	0.00, 0.49, 0.25, 0.00
HSL	331°, 100%, 75%
HSV	331°, 49%, 100%
XYZ	58.5169, 40.9430, 53.5338
YIQ	174.2150, 55.2400, 45.1600

Conversions

Conversions Part 2

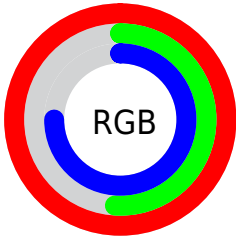
Format	Color
R_{YB}	255, 130, 190
Decimal	16745150
CIE _{Lab}	70.14, 54.08, -9.34
CIE _{LCh}	70, 54.880, 350.198
Yxy	40.9430, 0.3825, 0.2676
Android (android.graphics.Color)	4294935230 (0xFFFF82BE)
YUV	174.2150, 7.7820, 70.8484
Hunter-Lab	63.9867, 51.2644, -4.8136

Details

The XYZ color **58.5169, 40.9430, 53.5338** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.8181, 80.2068, 64.2259**, and the grayscale version is **40.2852, 42.3832, 46.1553**.

A 20% lighter version of the original color is **75.4335, 63.0316, 95.3793**, and **29.7964, 18.5741, 25.6816** is the 20% darker color. If you saturate the color by 10%, you get **54.1515, 34.4270, 45.2503**, and if you desaturate by 10%, it is **63.8566, 49.1962, 62.7936**.

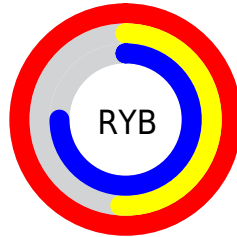
Distribution



Red (100%)

Green (51%)

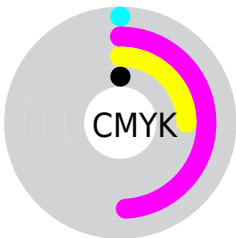
Blue (75%)



Red (100%)

Yellow (51%)

Blue (75%)

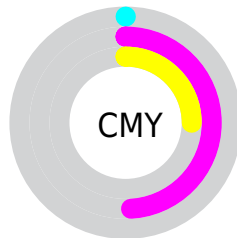


Cyan (0%)

Magenta (49%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5169, 40.9430, 53.5338 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 58.5169, 40.9430, 53.5338 by changing the saturation by 10% instead.


 58.5169, 40.9430,
53.5338


 58.5169, 40.9430,
53.5338


409.0322,
350.0823, 417.4540


 42.4692, 28.2745,
37.8384


 101.7938, 76.5974,
96.8389

 29.6616, 18.5327,
25.5565


 129.7538,
100.3521, 125.2857

 19.7287, 11.3331,
16.2693


 162.4153,
128.5710, 158.8200

 12.3051, 6.2914,
9.5585

200.1436,
161.6385, 197.8605

 7.0255, 3.0230,
5.0055

243.3040,
199.9389, 242.8255

 3.5245, 1.1438,
2.1917

292.2621,

 1.4368, 0.0151,

243.8568, 294.1338

0.6696

347.3830,
293.7765, 352.2038

■ 0.2822, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5169, 40.9430,
53.5338

■ 58.5169, 40.9430,
53.5338

■ 54.1515, 34.4270,
45.2503

■ 63.8566, 49.1962,
62.7936

■ 50.6904, 29.5146,
37.9012

■ 70.2276, 59.2956,
73.0639

■ 48.0590, 26.0618,
31.4441

■ 77.6860, 71.3482,
84.3801

■ 46.1678, 23.8958,
25.8303

■ 86.2829, 85.4510,
96.7744

■ 44.8862, 22.7620,
20.9965

95.0500, 100.0000,
108.9000

■ 44.7773, 22.6749,
20.5572

Harmonies

Analogous

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



53.7353, 40.9430, 84.2900



58.5169, 40.9430, 53.5338



57.4610, 40.9430, 29.6007

Triad

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



58.5169, 40.9430, 53.5338



33.2558, 40.9430, 12.4239



28.8808, 40.9430, 94.3484

Complementary

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



58.5169, 40.9430, 53.5338



54.8181, 80.2068, 64.2259

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.



24.8625, 40.9430, 63.9136



58.5169, 40.9430, 53.5338



27.1060, 40.9430, 19.8371

Square

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



58.5169, 40.9430, 53.5338



41.9274, 40.9430, 11.4610



24.2670, 40.9430, 36.6847



36.0507, 40.9430, 113.1664

Rectangle

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



58.5169, 40.9430, 53.5338



53.6401, 40.9430, 19.6848



24.2670, 40.9430, 36.6847



27.1664, 40.9430, 84.6914

Sweetspot

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



58.5180, 40.9449, 53.5346



80.9996, 76.7614, 89.2272



48.4327, 34.7343, 98.7595



16.9601, 15.8131, 18.5491



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.



58.5180, 40.9449, 53.5346



54.1580, 34.4366, 45.2634



53.5333, 39.3990, 25.9049



18.3725, 18.1323, 20.5788



23.4716, 11.8779, 11.1340



2.3402, 1.1785, 1.3729

Inverse Universe

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



58.5180, 40.9449, 53.5346



54.1580, 34.4366, 45.2634



62.3561, 82.1644, 107.1806



18.3725, 18.1323, 20.5788



23.4716, 11.8779, 11.1340



2.3402, 1.1785, 1.3729

Previews

White Background



This preview shows how the XYZ color 58.5169, 40.9430, 53.5338 looks on a white background.

Color Contrast Check

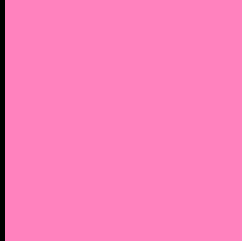
Large Text (above 18pt) WCAG AA × Fail

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 58.5169, 40.9430, 53.5338 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 58.5169, 40.9430, 53.5338

Background



This preview shows how black text looks on a background with the XYZ color 58.5169, 40.9430, 53.5338.



This preview shows how white text looks on a background with the XYZ color 58.5169, 40.9430,

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

58.5169, 40.9430, 53.5338

Protanopia

41.3963, 41.2328, 71.4225

Deuteranopia

41.9989, 41.1654, 51.0795



Tritanopia

54.2174, 40.8243, 33.0393

Trichromacy



Original Color

58.5169, 40.9430, 53.5338

Protanomaly

45.4895, 39.5498, 64.2678

Deuteranomaly

46.7130, 40.2117, 51.7540

Tritanomaly

55.4197, 40.6677, 39.5790

Monochromacy



Original Color

58.5169, 40.9430, 53.5338

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

45.0937, 40.4455, 48.6101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5169, 40.9430, 53.5338 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 190) }
```

Border

The CSS property to change the border of an element to XYZ 58.5169, 40.9430, 53.5338 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, 190) }
```


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

```
.border{ border-color:rgb(255, 130, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5169, 40.9430, 53.5338 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
130, 190) }
```

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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