

Converting Colors

XYZ(58.3902, 40.9029, 52.8336)

Have a look what the booklet for
XYZ(58.3902, 40.9029, 52.8336)
contains.

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Color

**XYZ(58.4079, 40.8994,
52.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82BD
RGB	255, 130, 189
RGB Percent	100%, 51%, 74%
CMY	0.0000, 0.4902, 0.2588
CMYK	0.00, 0.49, 0.26, 0.00
HSL	332°, 100%, 75%
HSV	332°, 49%, 100%
XYZ	58.4079, 40.8994, 52.9600
YIQ	174.1010, 55.5610, 44.8490

Conversions

Conversions Part 2

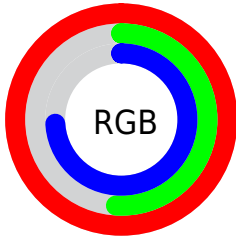
Format	Color
R _Y B	255, 130, 189
Decimal	16745149
CIE Lab	70.11, 53.95, -8.83
CIE LCh	70, 54.664, 350.705
Yxy	40.8994, 0.3836, 0.2686
Android (android.graphics.Color)	4294935229 (0xFFFF82BD)
YUV	174.1010, 7.3452, 70.9484
Hunter-Lab	63.9526, 51.1068, -4.3320

Details

The XYZ color **58.4079, 40.8994, 52.9600** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.9316, 80.2522, 64.8235**, and the grayscale version is **40.2287, 42.3237, 46.0906**.

A 20% lighter version of the original color is **75.2803, 62.9704, 94.5730**, and **29.4657, 18.4118, 25.2934** is the 20% darker color. If you saturate the color by 10%, you get **54.0322, 34.3793, 44.6221**, and if you desaturate by 10%, it is **63.7618, 49.1583, 62.2943**.

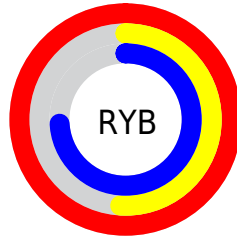
Distribution



Red (100%)

Green (51%)

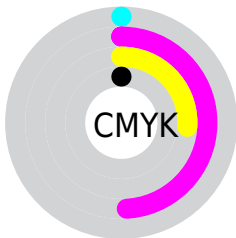
Blue (74%)



Red (100%)

Yellow (51%)

Blue (74%)

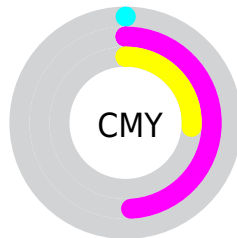


Cyan (0%)

Magenta (49%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4079, 40.8994, 52.9600 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 58.4079, 40.8994, 52.9600 by changing the saturation by 10% instead.


 58.4079, 40.8994,
52.9600

 58.4079, 40.8994,
52.9600


408.6336,
349.9000, 415.1936


 42.3812, 28.2405,
37.3833

 101.6362, 76.5312,
95.9865

 29.5923, 18.5070,
25.2063

 129.5685,
100.2728, 124.2733

 19.6759, 11.3146,
16.0104


 162.2000,
128.4774, 157.6340

 12.2665, 6.2789,
9.3771

199.8961,
161.5295, 196.4871

 6.9990, 3.0154,
4.8878

243.0221,
199.8134, 241.2510

 3.5078, 1.1398,
2.1240

291.9435,

 1.4276, 0.0117,

243.7135, 292.3444

0.6300

347.0255,
293.6143, 350.1857

■ 0.2758, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4079, 40.8994,
52.9600

■ 58.4079, 40.8994,
52.9600

■ 54.0322, 34.3793,
44.6221

■ 63.7618, 49.1583,
62.2943

■ 50.5645, 29.4642,
37.2378

■ 70.1510, 59.2650,
72.6602

■ 47.9298, 26.0101,
30.7637

■ 77.6317, 71.3265,
84.0937

■ 46.0386, 23.8441,
25.1500

■ 86.2551, 85.4399,
96.6281

■ 44.7601, 22.7116, 95.0500, 100.0000,
20.3324 108.9000

■ 44.6517, 22.6247,
19.8956

Harmonies

Analogous

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



53.7392, 40.8994, 83.5166



58.4079, 40.8994, 52.9600



57.2561, 40.8994, 29.3063

Triad

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



58.4079, 40.8994, 52.9600



33.1116, 40.8994, 12.5467



28.9786, 40.8994, 94.4808

Complementary

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



58.4079, 40.8994, 52.9600



54.9316, 80.2522, 64.8235

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.



24.9184, 40.8994, 64.2871



58.4079, 40.8994, 52.9600



27.0384, 40.8994, 20.0785

Square

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



58.4079, 40.8994, 52.9600



41.7145, 40.8994, 11.4900



24.2671, 40.8994, 37.0501



36.1648, 40.8994, 112.8564

Rectangle

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



58.4079, 40.8994, 52.9600



53.4028, 40.8994, 19.5383



24.2671, 40.8994, 37.0501



27.2522, 40.8994, 84.9344

Sweetspot

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



58.4090, 40.9014, 52.9608



80.9554, 76.7437, 88.9944



48.4327, 34.7344, 98.7595



16.9495, 15.8088, 18.4932



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.



58.4090, 40.9014, 52.9608



54.0387, 34.3889, 44.6352



53.5333, 39.3990, 25.9049



18.3663, 18.1298, 20.5460



23.4056, 11.8515, 10.7861



2.3336, 1.1758, 1.3382

Inverse Universe

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



58.4090, 40.9014, 52.9608



54.0387, 34.3889, 44.6352



62.3561, 82.1644, 107.1806



18.3663, 18.1298, 20.5460



23.4056, 11.8515, 10.7861



2.3336, 1.1758, 1.3382

Previews

White Background



This preview shows how the XYZ color 58.4079, 40.8994, 52.9600 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 58.4079, 40.8994, 52.9600 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 58.4079, 40.8994, 52.9600

Background



This preview shows how black text looks on a background with the XYZ color 58.4079, 40.8994, 52.9600.



This preview shows how white text looks on a background with the XYZ color 58.4079, 40.8994,

52.9600.

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

58.4079, 40.8994, 52.9600

Protanopia

41.3384, 41.2328, 70.0699

Deuteranopia

41.8944, 41.1236, 50.5293



Tritanopia

54.2174, 40.8243, 33.0393

Trichromacy



Original Color

58.4079, 40.8994, 52.9600



Protanomaly

45.3676, 39.5010, 63.6258



Deuteranomaly

46.6071, 40.1693, 51.1959



Tritanomaly

55.4197, 40.6677, 39.5790

Monochromacy



Original Color

58.4079, 40.8994, 52.9600



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.9921, 40.4049, 48.0754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4079, 40.8994, 52.9600 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 189) }
```

Border

The CSS property to change the border of an element to XYZ 58.4079, 40.8994, 52.9600 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, 189) }
```


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

```
.border{ border-color:rgb(255, 130, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4079, 40.8994, 52.9600 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
130, 189) }
```

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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