

Converting Colors

XYZ(58.9442, 40.9256, 56.3641)

Have a look what the booklet for
XYZ(58.9442, 40.9256, 56.3641)
contains.

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Color

**XYZ(58.9406, 40.9006,
56.4179)**

Conversions

Conversions Part 1

Format	Color
Hex	FF81C3
RGB	255, 129, 195
RGB Percent	100%, 51%, 76%
CMY	0.0000, 0.4941, 0.2353
CMYK	0.00, 0.49, 0.24, 0.00
HSL	329°, 100%, 75%
HSV	329°, 49%, 100%
XYZ	58.9406, 40.9006, 56.4179
YIQ	174.1980, 53.9100, 47.2380

Conversions

Conversions Part 2

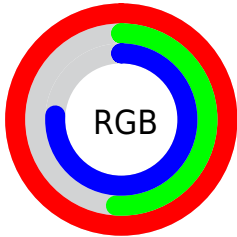
Format	Color
R_{YB}	255, 129, 195
Decimal	16744899
CIE _{Lab}	70.11, 55.23, -12.18
CIE _{LCh}	70, 56.558, 347.564
Yxy	40.9006, 0.3772, 0.2617
Android (android.graphics.Color)	4294934979 (0xFFFF81C3)
YUV	174.1980, 10.2554, 70.8634
Hunter-Lab	63.9536, 52.5896, -7.5363

Details

The XYZ color **58.9406, 40.9006, 56.4179** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.0003, 79.8620, 60.7163**, and the grayscale version is **40.2645, 42.3614, 46.1316**.

A 20% lighter version of the original color is **76.1596, 62.9862, 100.2390**, and **30.0214, 18.5564, 27.1987** is the 20% darker color. If you saturate the color by 10%, you get **54.6732, 34.4746, 48.4947**, and if you desaturate by 10%, it is **64.1596, 49.0509, 65.2102**.

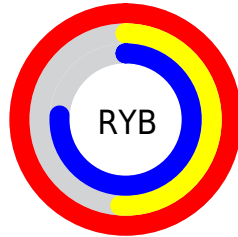
Distribution



Red (100%)

Green (51%)

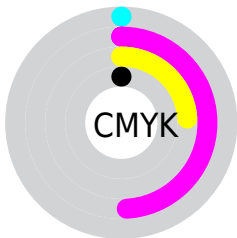
Blue (76%)



Red (100%)

Yellow (51%)

Blue (76%)

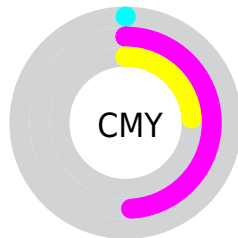


Cyan (0%)

Magenta (49%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9406, 40.9006, 56.4179 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 58.9406, 40.9006, 56.4179 by changing the saturation by 10% instead.


 58.9406, 40.9006,
56.4179


 58.9406, 40.9006,
56.4179


410.5793,
349.9050, 428.6970


 42.8115, 28.2414,
40.1318


 102.4064, 76.5330,
101.1072

 29.9311, 18.5077,
27.3268


 130.4739,
100.2750, 130.3475

 19.9341, 11.3151,
17.5842


 163.2515,
128.4800, 164.7430

 12.4551, 6.2792,
10.4855

201.1046,
161.5325, 204.7122

 7.1288, 3.0156,
5.6123

244.3986,
199.8169, 250.6737

 3.5899, 1.1399,
2.5458

293.4988,

 1.4728, 0.0118,

243.7175, 303.0460

0.8643

348.7706,
293.6187, 362.2475

■ 0.3072, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9406, 40.9006,
56.4179

■ 58.9406, 40.9006,
56.4179

■ 54.6732, 34.4746,
48.4947

■ 64.1596, 49.0509,
65.2102

■ 51.2883, 29.6391,
41.4031

■ 70.3867, 59.0349,
74.9016

■ 48.7116, 26.2498,
35.1053

■ 77.6775, 70.9594,
85.5233

■ 46.8537, 24.1328,
29.5574

■ 86.0824, 84.9215,
97.1038

■ 45.5793, 23.0219,
24.6997

95.0500, 100.0000,
108.9000

■ 45.5129, 22.9692,
24.4308

Harmonies

Analogous

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



53.5217, 40.9006, 88.4625



58.9406, 40.9006, 56.4179



58.3990, 40.9006, 30.8722

Triad

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



58.9406, 40.9006, 56.4179



33.7544, 40.9006, 11.4997



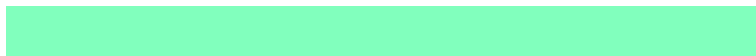
28.0737, 40.9006, 93.6500

Complementary

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



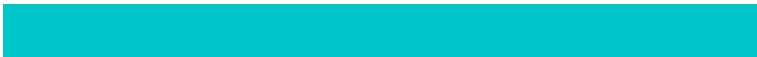
58.9406, 40.9006, 56.4179



54.0003, 79.8620, 60.7163

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.



24.2737, 40.9006, 61.7272



58.9406, 40.9006, 56.4179



27.1782, 40.9006, 18.2620

Square

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



58.9406, 40.9006, 56.4179



42.8288, 40.9006, 11.0283



23.9743, 40.9006, 34.4480



35.1720, 40.9006, 115.0217

Rectangle

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



58.9406, 40.9006, 56.4179



54.7322, 40.9006, 20.1528



23.9743, 40.9006, 34.4480



26.4206, 40.9006, 83.3287

Sweetspot

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



58.9416, 40.9025, 56.4187



81.2431, 76.8588, 90.5094



46.5919, 33.5888, 98.6354



17.0186, 15.8365, 18.8574



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.



58.9416, 40.9025, 56.4187



54.8300, 34.7054, 48.8023



53.3391, 38.6615, 26.9164



18.4068, 18.1460, 20.7596



23.8575, 12.0323, 13.1661



2.3782, 1.1936, 1.5728

Inverse Universe

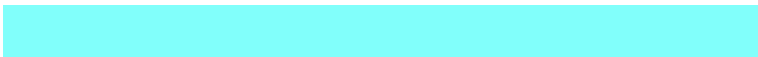
The Inverse Universe completely reimagines the original color for something new.



58.9416, 40.9025, 56.4187



54.8300, 34.7054, 48.8023



62.1954, 83.1401, 103.8714



18.4068, 18.1460, 20.7596



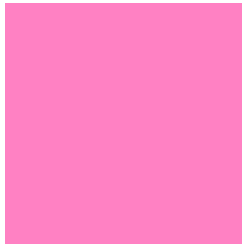
23.8575, 12.0323, 13.1661



2.3782, 1.1936, 1.5728

Previews

White Background



This preview shows how the XYZ color 58.9406, 40.9006, 56.4179 looks on a white background.

Color Contrast Check

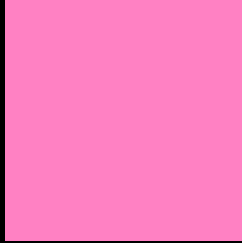
Large Text (above 18pt) WCAG AA × Fail

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 58.9406, 40.9006, 56.4179 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 58.9406, 40.9006, 56.4179

Background



This preview shows how black text looks on a background with the XYZ color 58.9406, 40.9006, 56.4179.



This preview shows how white text looks on a background with the XYZ color 58.9406, 40.9006,

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

58.9406, 40.9006, 56.4179

Protanopia

41.7946, 41.3463, 75.5899

Deuteranopia

42.0601, 41.1353, 53.8672



Tritanopia

53.8581, 40.6391, 33.0225

Trichromacy



Original Color

58.9406, 40.9006, 56.4179



Protanomaly

45.7239, 39.5842, 68.1814



Deuteranomaly

46.8076, 39.9540, 54.5351



Tritanomaly

55.6004, 40.7400, 40.5305

Monochromacy



Original Color

58.9406, 40.9006, 56.4179



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

45.2990, 40.5276, 49.6911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9406, 40.9006, 56.4179 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.9406, 40.9006, 56.4179 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, 195) }
```


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

```
.border{ border-color:rgb(255, 129, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9406, 40.9006, 56.4179 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
129, 195) }
```

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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