

Converting Colors

XYZ(58.4439, 41.4741, 51.4219)

Have a look what the booklet for
XYZ(58.4439, 41.4741, 51.4219)
contains.

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Color

**XYZ(58.4905, 41.5802,
51.3974)**

Conversions

Conversions Part 1

Format	Color
Hex	FF85BA
RGB	255, 133, 186
RGB Percent	100%, 52%, 73%
CMY	0.0000, 0.4784, 0.2706
CMYK	0.00, 0.48, 0.27, 0.00
HSL	334°, 100%, 76%
HSV	334°, 48%, 100%
XYZ	58.4905, 41.5802, 51.3974
YIQ	175.5200, 55.6990, 42.3470

Conversions

Conversions Part 2

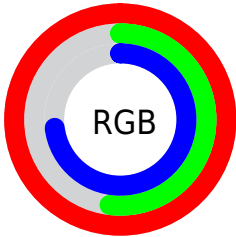
Format	Color
R _Y B	255, 133, 186
Decimal	16745914
CIE Lab	70.58, 52.10, -6.45
CIE LCh	71, 52.496, 352.945
Yxy	41.5802, 0.3862, 0.2745
Android (android.graphics.Color)	4294935994 (0xFFFF85BA)
YUV	175.5200, 5.1666, 69.7040
Hunter-Lab	64.4827, 49.0677, -2.1205

Details

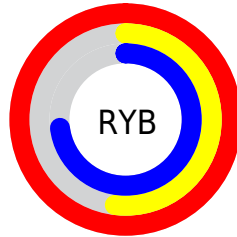
The XYZ color **58.4905, 41.5802, 51.3974** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.0953, 80.7717, 68.5148**, and the grayscale version is **40.9720, 43.1057, 46.9421**.

A 20% lighter version of the original color is **75.4646, 64.0660, 92.3930**, and **29.7946, 19.0212, 24.2914** is the 20% darker color. If you saturate the color by 10%, you get **53.9566, 34.8438, 42.6993**, and if you desaturate by 10%, it is **64.0284, 50.0770, 61.1947**.

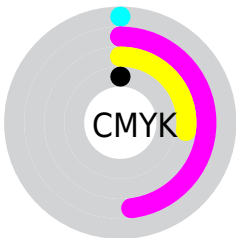
Distribution



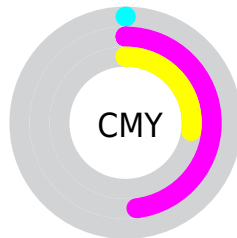
- Red (100%)
- Green (52%)
- Blue (73%)



- Red (100%)
- Yellow (52%)
- Blue (73%)



- Cyan (0%)
- Magenta (48%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (48%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4905, 41.5802, 51.3974 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 58.4905, 41.5802, 51.3974 by changing the saturation by 10% instead.


 58.4905, 41.5802,
51.3974


 58.4905, 41.5802,
51.3974


408.9356,
352.7397, 408.9964


 42.4479, 28.7727,
36.1461

 101.7557, 77.5639,
93.6594

 29.6448, 18.9090,
24.2564


 129.7089,
101.5089, 121.5072

 19.7159, 11.6045,
15.3100


 162.3631,
129.9351, 154.3909

 12.2957, 6.4750,
8.8882

200.0836,
163.2271, 192.7289

 7.0191, 3.1360,
4.5725

243.2358,
201.7692, 236.9400

 3.5205, 1.2031,
1.9444

292.1849,

 1.4346, 0.0643,

245.9457, 287.4425

0.5208

347.2964,
296.1411, 344.6552

■ 0.2807, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4905, 41.5802,
51.3974

■ 58.4905, 41.5802,
51.3974

■ 53.9566, 34.8438,
42.6993

■ 64.0284, 50.0770,
61.1947

■ 50.3569, 29.7353,
35.0533

■ 70.6279, 60.4422,
72.1306

■ 47.6166, 26.1128,
28.4111

■ 78.3455, 72.7822,
84.2451

■ 45.6469, 23.8070,
22.7185

■ 87.2327, 87.1935,
97.5753

■ 44.3306, 22.5919, 95.0500, 100.0000,
17.9101 108.9000

■ 44.0967, 22.4027,
16.9733

Harmonies

Analogous

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



54.3807, 41.5802, 80.5856



58.4905, 41.5802, 51.3974



56.9545, 41.5802, 29.0893

Triad

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



58.4905, 41.5802, 51.3974



33.3690, 41.5802, 13.9954



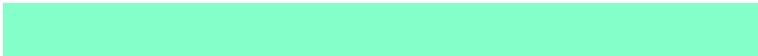
30.2987, 41.5802, 95.0911

Complementary

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



58.4905, 41.5802, 51.3974



56.0953, 80.7717, 68.5148

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.



26.0660, 41.5802, 66.5639



58.4905, 41.5802, 51.3974



27.6491, 41.5802, 22.1602

Square

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



58.4905, 41.5802, 51.3974



41.6048, 41.5802, 12.4904



25.1723, 41.5802, 39.6569



37.5075, 41.5802, 111.1447

Rectangle

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



58.4905, 41.5802, 51.3974



53.0293, 41.5802, 19.9062



25.1723, 41.5802, 39.6569



28.5263, 41.5802, 86.2345

Sweetspot

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



58.4915, 41.5821, 51.3982



81.6175, 78.0668, 89.2187



50.2854, 36.2905, 98.9622



17.0715, 16.0659, 18.4936



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.



58.4915, 41.5821, 51.3982



54.3008, 35.3455, 43.3893



54.7222, 41.4497, 27.3092



18.3370, 18.1181, 20.3920



23.1132, 11.7346, 9.2465



2.3041, 1.1640, 1.1827

Inverse Universe

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



58.4915, 41.5821, 51.3982



54.3008, 35.3455, 43.3893



61.5688, 79.8969, 106.7844



18.3370, 18.1181, 20.3920



23.1132, 11.7346, 9.2465



2.3041, 1.1640, 1.1827

Previews

White Background



This preview shows how the XYZ color 58.4905, 41.5802, 51.3974 looks on a white background.

Color Contrast Check

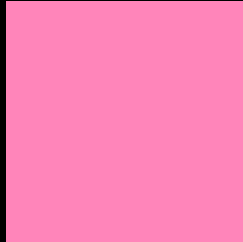
Large Text (above 18pt) WCAG AA × Fail

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 58.4905, 41.5802, 51.3974 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 58.4905, 41.5802, 51.3974

Background



This preview shows how black text looks on a background with the XYZ color 58.4905, 41.5802, 51.3974.



This preview shows how white text looks on a background with the XYZ color 58.4905, 41.5802,

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

58.4905, 41.5802, 51.3974

Protanopia

41.6306, 41.7215, 67.4869

Deuteranopia

42.7344, 41.8653, 49.0085



Tritanopia

55.0280, 41.6536, 33.9938

Trichromacy



Original Color

58.4905, 41.5802, 51.3974



Protanomaly

45.7436, 40.2485, 61.2349



Deuteranomaly

47.3162, 40.8171, 49.6406



Tritanomaly

56.0645, 41.4183, 39.6899

Monochromacy



Original Color

58.4905, 41.5802, 51.3974



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.9859, 41.4160, 48.7504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4905, 41.5802, 51.3974 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, 133, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 186)  
}
```

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, 133, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 186) }
```

Border

The CSS property to change the border of an element to XYZ 58.4905, 41.5802, 51.3974 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, 133, 186) }
```


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

```
.border{ border-color:rgb(255, 133, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4905, 41.5802, 51.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 186) }
```

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

```
.background{ background-color: rgb(255,  
133, 186) }
```

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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