

Converting Colors

XYZ(56.1514, 41.9458, 51.2228)

Have a look what the booklet for
XYZ(56.1514, 41.9458, 51.2228)
contains.

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Color

**XYZ(56.1411, 41.8518,
51.0182)**

Conversions

Conversions Part 1

Format	Color
Hex	F68CB9
RGB	246, 140, 185
RGB Percent	96%, 55%, 73%
CMY	0.0353, 0.4510, 0.2745
CMYK	0.00, 0.43, 0.25, 0.04
HSL	335°, 85%, 76%
HSV	335°, 43%, 96%
XYZ	56.1411, 41.8518, 51.0182
YIQ	176.8240, 48.7310, 36.4670

Conversions

Conversions Part 2

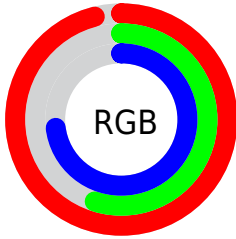
Format	Color
R _Y B	246, 140, 185
Decimal	16157881
CIE Lab	70.77, 45.52, -5.74
CIE LCh	71, 45.876, 352.813
Yxy	41.8518, 0.3768, 0.2809
Android (android.graphics.Color)	4294347961 (0xFFFF68CB9)
YUV	176.8240, 4.0308, 60.6674
Hunter-Lab	64.6930, 41.6911, -1.4722

Details

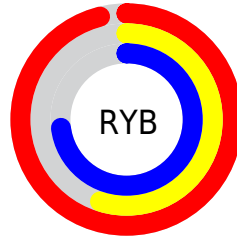
The XYZ color **56.1411, 41.8518, 51.0182** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.3156, 75.7052, 67.0119**, and the grayscale version is **41.6604, 43.8300, 47.7309**.

A 20% lighter version of the original color is **76.6323, 66.6411, 92.0431**, and **28.0666, 19.0471, 24.0270** is the 20% darker color. If you saturate the color by 10%, you get **51.5192, 34.8816, 42.4674**, and if you desaturate by 10%, it is **61.7177, 50.4924, 60.6223**.

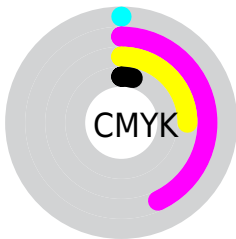
Distribution



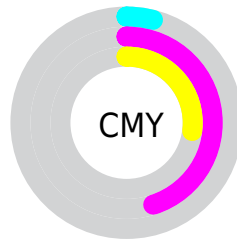
- Red (96%)
- Green (55%)
- Blue (73%)



- Red (96%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (43%)
- Yellow (25%)
- Black (4%)





- Cyan (4%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1411, 41.8518, 51.0182 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 56.1411, 41.8518, 51.0182 by changing the saturation by 10% instead.


 56.1411, 41.8518,
51.0182


 56.1411, 41.8518,
51.0182


400.2894,
353.8682, 407.4831


 40.5535, 28.9853,
35.8463


 98.3495, 77.9753,
93.0935

 28.1565, 19.0697,
24.0267


 125.7009,
102.0010, 120.8338

 18.5847, 11.7206,
15.1411


 157.7044,
130.5153, 153.6008

 11.4728, 6.5537,
8.7707

194.7253,
163.9025, 191.8129

 6.4554, 3.1846,
4.4972

237.1289,
202.5469, 235.8886

 3.1672, 1.2289,
1.9019

285.2805,

 1.2428, 0.0851,

246.8331, 286.2465

0.4939

339.5456,
297.1454, 343.3052

■ 0.1398, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1411, 41.8518,
51.0182

■ 56.1411, 41.8518,
51.0182

■ 51.5192, 34.8816,
42.4674

■ 61.7177, 50.4924,
60.6223

■ 47.7898, 29.4657,
34.9267

■ 68.2986, 60.8972,
71.3156

■ 44.8888, 25.4824,
28.3526

■ 75.9344, 73.1605,
83.1350

■ 42.7411, 22.7894,
22.6966

■ 84.6708, 87.3677,
96.1146

■ 41.2562, 21.2138,
17.9038

■ 91.8162, 98.3329,
108.7487

■ 40.5266, 20.6011,
15.0511

Harmonies

Analogous

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



52.6173, 41.8518, 75.8949



56.1411, 41.8518, 51.0182



54.8550, 41.8518, 31.1712

Triad

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



56.1411, 41.8518, 51.0182



34.3690, 41.8518, 16.8204



31.5711, 41.8518, 87.7913

Complementary

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



56.1411, 41.8518, 51.0182



54.3156, 75.7052, 67.0119

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.



27.7540, 41.8518, 63.8330



56.1411, 41.8518, 51.0182



29.2197, 41.8518, 24.6371

Square

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



56.1411, 41.8518, 51.0182



41.6385, 41.8518, 15.3476



26.9515, 41.8518, 40.5232



37.9755, 41.8518, 101.1004

Rectangle

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



56.1411, 41.8518, 51.0182



51.5123, 41.8518, 22.6039



26.9515, 41.8518, 40.5232



29.9780, 41.8518, 80.4103

Sweetspot

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



56.1423, 41.8538, 51.0190



82.4505, 79.4745, 90.2921



49.8517, 37.7009, 91.8387



17.2336, 16.3421, 18.6959



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.



56.1423, 41.8538, 51.0190



56.3540, 38.5196, 46.9477



53.1854, 42.3767, 30.1898



16.7910, 16.5993, 18.6462



21.6982, 11.0227, 8.3850



1.9573, 0.9889, 1.0016

Inverse Universe

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



56.1423, 41.8538, 51.0190



56.3540, 38.5196, 46.9477



58.2982, 73.9244, 98.3853



16.7910, 16.5993, 18.6462



21.6982, 11.0227, 8.3850



1.9573, 0.9889, 1.0016

Previews

White Background



This preview shows how the XYZ color 56.1411, 41.8518, 51.0182 looks on a white background.

Color Contrast Check

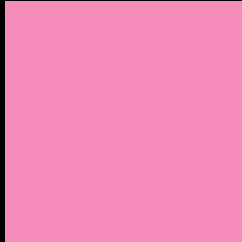
Large Text (above 18pt) WCAG AA × Fail

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 56.1411, 41.8518, 51.0182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

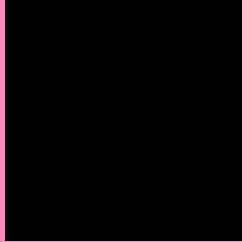
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1411, 41.8518, 51.0182

Background



This preview shows how black text looks on a background with the XYZ color 56.1411, 41.8518, 51.0182.



This preview shows how white text looks on a background with the XYZ color 56.1411, 41.8518,

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

56.1411, 41.8518, 51.0182

Protanopia

41.7083, 42.1283, 63.6909

Deuteranopia

42.7344, 41.8653, 49.0085



Tritanopia

53.0883, 41.7058, 36.7045

Trichromacy



Original Color

56.1411, 41.8518, 51.0182



Protanomaly

45.5288, 40.9546, 58.9315



Deuteranomaly

46.6828, 41.2410, 49.7558



Tritanomaly

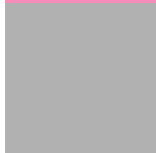
54.1057, 41.6680, 41.7503

Monochromacy



Original Color

56.1411, 41.8518, 51.0182



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.8708, 42.4028, 48.9469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1411, 41.8518, 51.0182 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(246, 140, 185)` looks like.

```
.text, #text, p{  
    color:rgb(246, 140, 185)  
}
```

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(246, 140, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 140, 185) }
```

Border

The CSS property to change the border of an element to XYZ 56.1411, 41.8518, 51.0182 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(246, 140, 185) }
```


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

```
.border{ border-color:rgb(246, 140, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 140, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 140, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 140, 185);  
box-shadow:4px 4px 4px 4px rgb(246, 140,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1411, 41.8518, 51.0182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 140, 185) }
```

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

```
.background{ background-color: rgb(246,  
140, 185) }
```

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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