

Converting Colors

XYZ(64.2756, 45.0384, 38.5609)

Have a look what the booklet for
XYZ(64.2756, 45.0384, 38.5609)
contains.

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Color

**XYZ(56.1103, 40.8483,
38.1849)**

Conversions

Conversions Part 1

Format	Color
Hex	FF86A0
RGB	255, 134, 160
RGB Percent	100%, 53%, 63%
CMY	0.0000, 0.4745, 0.3725
CMYK	0.00, 0.47, 0.37, 0.00
HSL	347°, 100%, 76%
HSV	347°, 47%, 100%
XYZ	56.1103, 40.8483, 38.1849
YIQ	173.1430, 63.7700, 33.7380

Conversions

Conversions Part 2

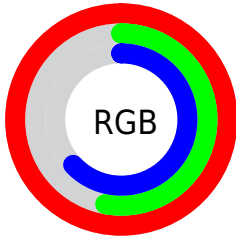
Format	Color
R_{YB}	255, 134, 160
Decimal	16746144
CIE _{Lab}	70.07, 48.45, 7.36
CIE _{LCh}	70, 49.007, 8.633
Yxy	40.8483, 0.4152, 0.3023
Android (android.graphics.Color)	4294936224 (0xFFFF86A0)
YUV	173.1430, -6.4795, 71.7886
Hunter-Lab	63.9127, 44.8618, 9.3158

Details

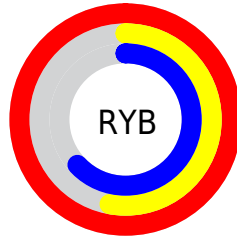
The XYZ color **56.1103, 40.8483, 38.1849** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.7365, 82.2465, 86.8602**, and the grayscale version is **39.8039, 41.8768, 45.6038**.

A 20% lighter version of the original color is **71.9192, 62.9932, 72.6583**, and **28.1347, 18.4436, 16.5451** is the 20% darker color. If you saturate the color by 10%, you get **51.3883, 33.9853, 28.6543**, and if you desaturate by 10%, it is **61.9661, 49.5274, 49.4859**.

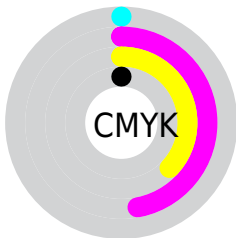
Distribution



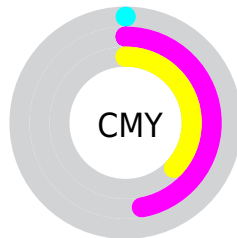
- Red (100%)
- Green (53%)
- Blue (63%)



- Red (100%)
- Yellow (53%)
- Blue (63%)



- Cyan (0%)
- Magenta (47%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1103, 40.8483, 38.1849 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 56.1103, 40.8483, 38.1849 by changing the saturation by 10% instead.


 56.1103, 40.8483,
38.1849


 56.1103, 40.8483,
38.1849


400.1753,
349.6862, 353.7344


 40.5287, 28.2006,
25.8233

 98.3047, 76.4536,
73.5980

 28.1371, 18.4769,
16.4669

 125.6482,
100.1799, 97.4866

 18.5700, 11.2929,
9.6972


 157.6431,
128.3678, 126.0546

 11.4621, 6.2642,
5.0957

194.6547,
161.4018, 159.7205

 6.4481, 3.0064,
2.2438

237.0484,
199.6663, 198.9029

 3.1627, 1.1351,
0.6995

285.1895,

 1.2404, 0.0077,

243.5456, 244.0203

0.0000

339.4433,
293.4241, 295.4913

■ 0.1379, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1103, 40.8483,
38.1849

■ 56.1103, 40.8483,
38.1849

■ 51.3883, 33.9853,
28.6543

■ 61.9661, 49.5274,
49.4859

■ 47.7214, 28.8027,
20.8001

■ 69.0210, 60.1333,
62.6398

■ 45.0255, 25.1555,
14.5227

■ 77.3391, 72.7750,
77.7268

■ 43.2015, 22.8713,
9.7104

■ 86.9788, 87.5517,
94.8213

■ 42.1234, 21.7264, 95.0500, 100.0000,
6.2335 108.9000

■ 41.9244, 21.5338,
5.5340

Harmonies

Analogous

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



54.9888, 40.8483, 62.5408



56.1103, 40.8483, 38.1849



52.1272, 40.8483, 22.2481

Triad

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



56.1103, 40.8483, 38.1849



29.9894, 40.8483, 18.1713



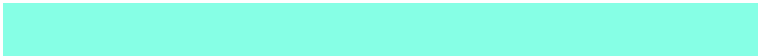
33.4847, 40.8483, 99.4279

Complementary

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



56.1103, 40.8483, 38.1849



59.7365, 82.2465, 86.8602

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.



28.0035, 40.8483, 78.0504



56.1103, 40.8483, 38.1849



26.1868, 40.8483, 30.2764

Square

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



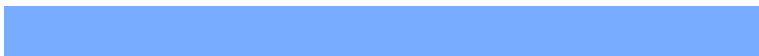
56.1103, 40.8483, 38.1849



36.5610, 40.8483, 13.5873



25.5133, 40.8483, 51.4246



41.1807, 40.8483, 103.8156

Rectangle

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



56.1103, 40.8483, 38.1849



47.3972, 40.8483, 16.4641



25.5133, 40.8483, 51.4246



31.3543, 40.8483, 93.7090

Sweetspot

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



56.1114, 40.8504, 38.1857



80.5108, 77.6241, 83.3906



58.8206, 40.8949, 99.4011



16.8038, 15.9589, 17.0844



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.



56.1114, 40.8504, 38.1857



51.5768, 34.2559, 29.0447



59.5996, 51.0934, 29.2778



18.1690, 18.0509, 19.5074



21.9506, 11.2695, 3.1241



2.1753, 1.1125, 0.5048

Inverse Universe

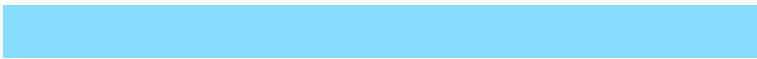
The Inverse Universe completely reimagines the original color for something new.



56.1114, 40.8504, 38.1857



51.5768, 34.2559, 29.0447



53.6650, 63.8535, 104.1043



18.1690, 18.0509, 19.5074



21.9506, 11.2695, 3.1241



2.1753, 1.1125, 0.5048

Previews

White Background



This preview shows how the XYZ color 56.1103, 40.8483, 38.1849 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 56.1103, 40.8483, 38.1849 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 56.1103, 40.8483, 38.1849

Background



This preview shows how black text looks on a background with the XYZ color 56.1103, 40.8483, 38.1849.



This preview shows how white text looks on a background with the XYZ color 56.1103, 40.8483,

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

56.1103, 40.8483, 38.1849

Protanopia

39.9167, 41.2327, 49.5709

Deuteranopia

41.8007, 41.1083, 36.7419



Tritanopia

54.8655, 40.7545, 32.1688

Trichromacy



Original Color

56.1103, 40.8483, 38.1849



Protanomaly

44.1268, 40.0274, 44.9355



Deuteranomaly

45.9603, 40.1445, 37.2246



Tritanomaly

55.1229, 40.6331, 34.2158

Monochromacy



Original Color

56.1103, 40.8483, 38.1849



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.0946, 40.3199, 42.5043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1103, 40.8483, 38.1849 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, 134, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 160)  
}
```

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, 134, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 160) }
```

Border

The CSS property to change the border of an element to XYZ 56.1103, 40.8483, 38.1849 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, 134, 160) }
```


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

```
.border{ border-color:rgb(255, 134, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1103, 40.8483, 38.1849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 160) }
```

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

```
.background{ background-color: rgb(255,  
134, 160) }
```

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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