

Converting Colors

XYZ(58.2953, 39.7438, 48.0415)

Have a look what the booklet for
XYZ(58.2953, 39.7438, 48.0415)
contains.

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Color

**XYZ(56.6859, 38.9706,
47.7144)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7CB4
RGB	255, 124, 180
RGB Percent	100%, 49%, 71%
CMY	0.0000, 0.5137, 0.2941
CMYK	0.00, 0.51, 0.29, 0.00
HSL	334°, 100%, 74%
HSV	334°, 51%, 100%
XYZ	56.6859, 38.9706, 47.7144
YIQ	169.5530, 60.1000, 45.1880

Conversions

Conversions Part 2

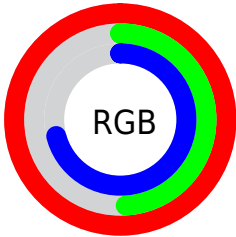
Format	Color
R_{YB}	255, 124, 180
Decimal	16743604
CIE _{Lab}	68.73, 55.66, -5.83
CIE _{LCh}	69, 55.960, 354.024
Yxy	38.9706, 0.3954, 0.2718
Android (android.graphics.Color)	4294933684 (0xFFFF7CB4)
YUV	169.5530, 5.1504, 74.9370
Hunter-Lab	62.4264, 52.8394, -1.6186

Details

The XYZ color **56.6859, 38.9706, 47.7144** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.3828, 79.9295, 66.5986**, and the grayscale version is **37.9417, 39.9176, 43.4703**.

A 20% lighter version of the original color is **72.7016, 59.9586, 87.0983**, and **28.4646, 17.3907, 21.9352** is the 20% darker color. If you saturate the color by 10%, you get **52.4834, 32.8219, 39.3580**, and if you desaturate by 10%, it is **61.8731, 46.8379, 57.1729**.

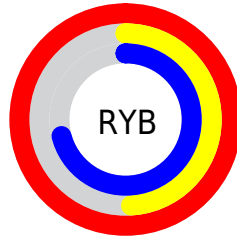
Distribution



Red (100%)

Green (49%)

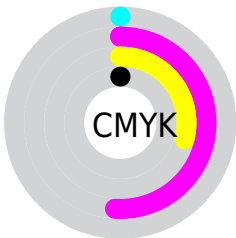
Blue (71%)



Red (100%)

Yellow (49%)

Blue (71%)

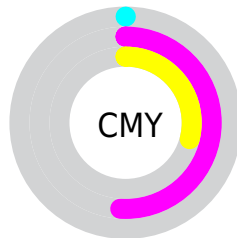


Cyan (0%)

Magenta (51%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6859, 38.9706, 47.7144 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 56.6859, 38.9706, 47.7144 by changing the saturation by 10% instead.

 56.6859, 38.9706,
47.7144


 56.6859, 38.9706,
47.7144


402.3045,
341.7655, 394.1350

 40.9923, 26.7369,
33.2424

 99.1407, 73.5934,
88.1401

 28.5007, 17.3757,
22.0396


 126.6327, 96.7513,
114.9309

 18.8458, 10.5027,
13.6874


 158.7880,
124.3193, 146.6651

 11.6623, 5.7335,
7.7673

195.9723,
156.6818, 183.7611

 6.5847, 2.6837,
3.8608

238.5507,
194.2233, 226.6376

 3.2478, 0.9689,
1.5493

286.8886,

 1.2861, 0.0000,

237.3282, 275.7130

0.2542

341.3514,
286.3808, 331.4060

■ 0.1728, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6859, 38.9706,
47.7144

■ 56.6859, 38.9706,
47.7144

■ 52.4834, 32.8219,
39.3580

■ 61.8731, 46.8379,
57.1729

■ 49.1928, 28.2540,
32.0543

■ 68.1049, 56.5362,
67.7750

■ 46.7352, 25.1171,
25.7524

■ 75.4395, 68.1750,
79.5622

■ 45.0152, 23.2294,
20.3942

■ 83.9299, 81.8534,
92.5734

■ 44.0004, 22.3641,
16.4659

■ 93.6256, 97.6637,
106.8452

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.5984, 38.9706, 78.0072



56.6859, 38.9706, 47.7144



54.8699, 38.9706, 25.5154

Triad

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



56.6859, 38.9706, 47.7144



30.5321, 38.9706, 11.6596



27.9115, 38.9706, 95.3907

Complementary

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



56.6859, 38.9706, 47.7144



54.3828, 79.9295, 66.5986

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.



23.5638, 38.9706, 65.5412



56.6859, 38.9706, 47.7144



24.8995, 38.9706, 19.7495

Square

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



56.6859, 38.9706, 47.7144



38.8415, 38.9706, 10.0651



22.5560, 38.9706, 37.5553



35.2958, 38.9706, 111.7524

Rectangle

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



56.6859, 38.9706, 47.7144



50.6816, 38.9706, 16.7654



22.5560, 38.9706, 37.5553



26.0969, 38.9706, 86.1419

Sweetspot

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



56.6869, 38.9725, 47.7151



80.7108, 76.6458, 87.7060



48.6097, 33.6751, 98.5457



16.8907, 15.7854, 18.1839



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.



56.6869, 38.9725, 47.7151



52.2498, 32.4887, 38.8670



53.2306, 39.4194, 23.8744



18.3316, 18.1160, 20.3636



23.0623, 11.7142, 8.9785



2.2989, 1.1619, 1.1553

Inverse Universe

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



56.6869, 38.9725, 47.7151



52.2498, 32.4887, 38.8670



59.4003, 77.5798, 106.4514



18.3316, 18.1160, 20.3636



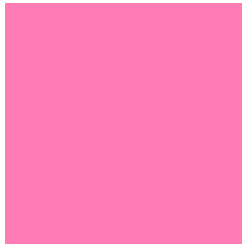
23.0623, 11.7142, 8.9785



2.2989, 1.1619, 1.1553

Previews

White Background



This preview shows how the XYZ color 56.6859, 38.9706, 47.7144 looks on a white background.

Color Contrast Check

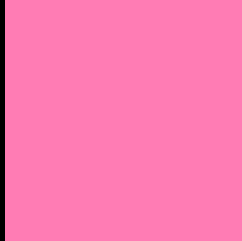
Large Text (above 18pt) WCAG AA × Fail

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 56.6859, 38.9706, 47.7144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

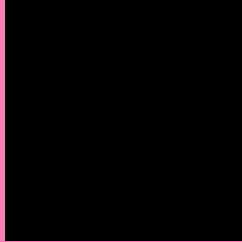
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6859, 38.9706, 47.7144

Background



This preview shows how black text looks on a background with the XYZ color 56.6859, 38.9706, 47.7144.



This preview shows how white text looks on a background with the XYZ color 56.6859, 38.9706,

47.7144.

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

56.6859, 38.9706, 47.7144

Protanopia

39.1968, 39.1484, 64.5220

Deuteranopia

40.0286, 39.1955, 45.5001



Tritanopia

53.2039, 39.1211, 29.9463

Trichromacy



Original Color

56.6859, 38.9706, 47.7144



Protanomaly

43.3928, 37.6338, 57.8003



Deuteranomaly

44.8784, 38.1848, 46.0793



Tritanomaly

54.2747, 38.9497, 35.6678

Monochromacy



Original Color

56.6859, 38.9706, 47.7144



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

43.1186, 38.2560, 45.1559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6859, 38.9706, 47.7144 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, 124, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 180)  
}
```

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, 124, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 180) }
```

Border

The CSS property to change the border of an element to XYZ 56.6859, 38.9706, 47.7144 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, 124, 180) }
```


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

```
.border{ border-color:rgb(255, 124, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6859, 38.9706, 47.7144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 180) }
```

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

```
.background{ background-color: rgb(255,  
124, 180) }
```

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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