

Converting Colors

XYZ(59.3010, 47.3801, 51.0769)

Have a look what the booklet for
XYZ(59.3010, 47.3801, 51.0769)
contains.

XYZ(59.3156, 47.4893, 50.8398)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.3156, 47.4893,
50.8398)**

Conversions

Conversions Part 1

Format	Color
Hex	F89DB7
RGB	248, 157, 183
RGB Percent	97%, 62%, 72%
CMY	0.0274, 0.3843, 0.2823
CMYK	0.00, 0.37, 0.26, 0.03
HSL	343°, 87%, 79%
HSV	343°, 37%, 97%
XYZ	59.3156, 47.4893, 50.8398
YIQ	187.1730, 45.8900, 27.3780

Conversions

Conversions Part 2

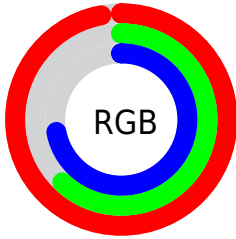
Format	Color
R_{YB}	248, 157, 183
Decimal	16293303
CIE _{Lab}	74.50, 37.19, 0.88
CIE _{LCh}	75, 37.198, 1.353
Yxy	47.4893, 0.3763, 0.3012
Android (android.graphics.Color)	4294483383 (0xFFFF89DB7)
YUV	187.1730, -2.0573, 53.3453
Hunter-Lab	68.9125, 33.0449, 4.4979

Details

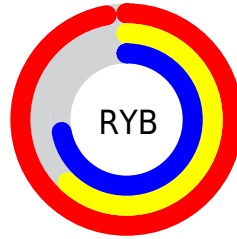
The XYZ color **59.3156, 47.4893, 50.8398** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.6590, 79.5780, 81.2743**, and the grayscale version is **47.3260, 49.7906, 54.2220**.

A 20% lighter version of the original color is **80.6142, 75.0805, 91.9045**, and **30.2148, 22.4595, 23.8617** is the 20% darker color. If you saturate the color by 10%, you get **53.8084, 39.2421, 40.4723**, and if you desaturate by 10%, it is **65.9091, 57.5369, 62.7155**.

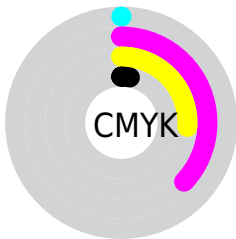
Distribution



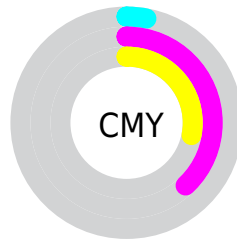
- Red (97%)
- Green (62%)
- Blue (72%)



- Red (97%)
- Yellow (62%)
- Blue (72%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (3%)





- Cyan (3%)
- Magenta (38%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3156, 47.4893, 50.8398 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 59.3156, 47.4893, 50.8398 by changing the saturation by 10% instead.


 59.3156, 47.4893,
50.8398


 59.3156, 47.4893,
50.8398


411.9458,
376.7642, 406.7698

 43.1146, 33.4226,
35.7053

 102.9482, 86.4435,
92.8270

 30.1699, 22.4504,
23.9188

 131.1105,
112.0999, 120.5168

 20.1163, 14.1882,
15.0617

163.9906,
142.3883, 153.2287

 12.5884, 8.2517,
8.7156

201.9539,
177.6931, 191.3814

 7.2208, 4.2564,
4.4619

245.3657,
218.3987, 235.3933

 3.6481, 1.8180,
1.8820

294.5914,

 1.5050, 0.4984,

264.8895, 285.6829

0.4812

349.9963,
317.5499, 342.6689

■ 0.3293, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3156, 47.4893,
50.8398

■ 59.3156, 47.4893,
50.8398

■ 53.8084, 39.2421,
40.4723

■ 65.9091, 57.5369,
62.7155

■ 49.3230, 32.6814,
31.5475

■ 73.6406, 69.4763,
76.1552

■ 45.7943, 27.6908,
23.9994

■ 82.5630, 83.4008,
91.2153

■ 43.1472, 24.1361,
17.7547

■ 92.3389, 98.6235,
107.8198

■ 41.2950, 21.8604,
12.7328

■ 92.5215, 98.6965,
108.7817

■ 40.1299, 20.6664,
8.8414

■ 39.8439, 20.4095,
7.7750

Harmonies

Analogous

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



57.4436, 47.4893, 71.5401



59.3156, 47.4893, 50.8398



57.0864, 47.4893, 34.7549

Triad

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



59.3156, 47.4893, 50.8398



38.7466, 47.4893, 26.1204



39.2254, 47.4893, 91.4239

Complementary

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



59.3156, 47.4893, 50.8398



60.6590, 79.5780, 81.2743

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.



34.9838, 47.4893, 73.4338



59.3156, 47.4893, 50.8398



34.7273, 47.4893, 35.9279

Square

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



59.3156, 47.4893, 50.8398



44.8331, 47.4893, 22.8489



33.4199, 47.4893, 52.5856



45.4426, 47.4893, 98.1882

Rectangle

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



59.3156, 47.4893, 50.8398



53.6910, 47.4893, 27.8698



33.4199, 47.4893, 52.5856



37.5438, 47.4893, 86.3003

Sweetspot

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



59.3169, 47.4916, 50.8407



83.6855, 82.1669, 90.0184



58.7296, 46.2189, 94.6330



17.6360, 17.1561, 18.8014



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.



59.3169, 47.4916, 50.8407



58.7559, 43.9343, 45.8650



60.1678, 53.1309, 38.9853



17.4485, 17.3067, 18.9514



21.5756, 11.0460, 4.4735



2.0418, 1.0405, 0.6436

Inverse Universe

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



59.3169, 47.4916, 50.8407



58.7559, 43.9343, 45.8650



59.0908, 70.4293, 99.2870



17.4485, 17.3067, 18.9514



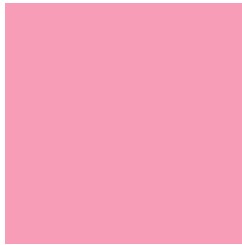
21.5756, 11.0460, 4.4735



2.0418, 1.0405, 0.6436

Previews

White Background



This preview shows how the XYZ color 59.3156, 47.4893, 50.8398 looks on a white background.

Color Contrast Check

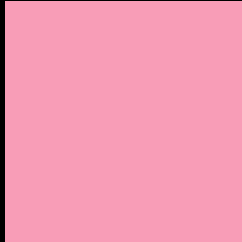
Large Text (above 18pt) WCAG AA × Fail

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 59.3156, 47.4893, 50.8398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

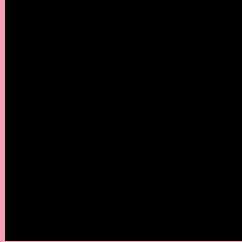
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3156, 47.4893, 50.8398

Background



This preview shows how black text looks on a background with the XYZ color 59.3156, 47.4893, 50.8398.



This preview shows how white text looks on a background with the XYZ color 59.3156, 47.4893,

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

59.3156, 47.4893, 50.8398

Protanopia

46.6550, 48.0115, 60.2342

Deuteranopia

48.6857, 47.7920, 49.3066



Tritanopia

58.1066, 47.5107, 44.6360

Trichromacy



Original Color

59.3156, 47.4893, 50.8398



Protanomaly

50.4938, 47.3878, 56.9375



Deuteranomaly

51.8264, 47.1048, 49.5406



Tritanomaly

58.3225, 47.3230, 46.6178

Monochromacy



Original Color

59.3156, 47.4893, 50.8398



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.6828, 48.1511, 53.0772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3156, 47.4893, 50.8398 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(248, 157, 183)` looks like.

```
.text, #text, p{  
    color:rgb(248, 157, 183)  
}
```

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(248, 157, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 157, 183) }
```

Border

The CSS property to change the border of an element to XYZ 59.3156, 47.4893, 50.8398 is called "border". The border property can be set on classes, ids or directly on the HTML element.

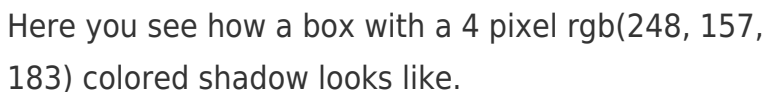
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 157, 183) }
```


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

```
.border{ border-color:rgb(248, 157, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(248, 157, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 157, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 157, 183);  
box-shadow:4px 4px 4px 4px rgb(248, 157,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3156, 47.4893, 50.8398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 157, 183) }
```

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

```
.background{ background-color: rgb(248,  
157, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor