

Converting Colors

XYZ(57.3691, 33.8852, 48.3067)

Have a look what the booklet for
XYZ(57.3691, 33.8852, 48.3067)
contains.

XYZ(53.3596, 31.8237, 48.1300)	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(53.3596, 31.8237,
48.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	FF59B7
RGB	255, 89, 183
RGB Percent	100%, 35%, 72%
CMY	0.0000, 0.6509, 0.2824
CMYK	0.00, 0.65, 0.28, 0.00
HSL	326°, 100%, 67%
HSV	326°, 65%, 100%
XYZ	53.3596, 31.8237, 48.1300
YIQ	149.3500, 68.7620, 64.4260

Conversions

Conversions Part 2

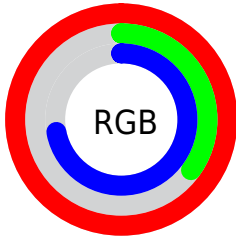
Format	Color
R _Y B	255, 89, 183
Decimal	16734647
CIE Lab	63.20, 71.11, -15.81
CIE LCh	63, 72.842, 347.468
Yxy	31.8237, 0.4003, 0.2387
Android (android.graphics.Color)	4294924727 (0xFFFF59B7)
YUV	149.3500, 16.5895, 92.6551
Hunter-Lab	56.4125, 70.1182, -11.0963

Details

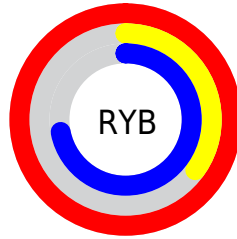
The XYZ color **53.3596, 31.8237, 48.1300** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **46.3146, 76.2179, 45.9930**, and the grayscale version is **28.6281, 30.1190, 32.7996**.

A 20% lighter version of the original color is **67.4099, 48.6718, 87.5031**, and **26.3751, 13.2764, 22.2916** is the 20% darker color. If you saturate the color by 10%, you get **50.4865, 27.8480, 41.7137**, and if you desaturate by 10%, it is **57.0595, 37.3078, 55.2689**.

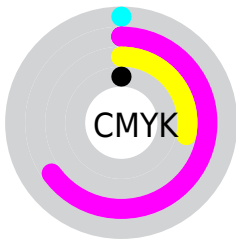
Distribution



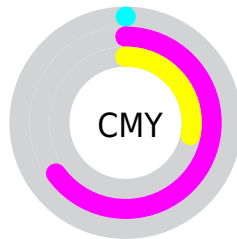
- Red (100%)
- Green (35%)
- Blue (72%)



- Red (100%)
- Yellow (35%)
- Blue (72%)



- Cyan (0%)
- Magenta (65%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (65%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3596, 31.8237, 48.1300 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 53.3596, 31.8237, 48.1300 by changing the saturation by 10% instead.


 53.3596, 31.8237,
48.1300


 53.3596, 31.8237,
48.1300

389.9016,
310.3154, 395.8307


 38.3185, 21.2269,
33.5691


 94.2957, 62.5346,
88.7655


 26.4083, 13.2899,
22.2881


 120.9215, 83.4175,
115.6772

 17.2637, 7.6285,
13.8684


 152.1396,
108.4978, 147.5429

 10.5191, 3.8582,
7.8915

 188.3153,
138.1600, 184.7812

 5.8094, 1.5945,
3.9388

229.8139,
172.7885, 227.8106

 2.7691, 0.3539,
1.5918

277.0010,

 1.0328, 0.0000,

212.7676, 277.0496

0.2850

330.2417,
258.4818, 332.9168

■ 0.0000, 0.0000,
0.0000

■ 53.3596, 31.8237,
48.1300

■ 53.3596, 31.8237,
48.1300

■ 50.4865, 27.8480,
41.7137

■ 57.0595, 37.3078,
55.2689

■ 48.3558, 25.2158,
35.9808

■ 61.6537, 44.4327,
63.1619


■ 46.8681, 23.7316,
30.8879

■ 67.2056, 53.3219,
71.8399

■ 46.3041, 23.2856,
28.5970

■ 73.7718, 64.0854,
81.3312

■ 81.4041, 76.8244,
91.6619

 90.1510, 91.6325,
102.8571

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.



46.8772, 31.8237, 87.2813



53.3596, 31.8237, 48.1300



52.7320, 31.8237, 20.5281

Triad

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



53.3596, 31.8237, 48.1300



24.7996, 31.8237, 4.1052



18.9554, 31.8237, 93.6832

Complementary

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



53.3596, 31.8237, 48.1300



46.3146, 76.2179, 45.9930

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.



15.2818, 31.8237, 54.1039



53.3596, 31.8237, 48.1300



18.1050, 31.8237, 9.0571

Square

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



53.3596, 31.8237, 48.1300



34.6465, 31.8237, 3.8142



15.0097, 31.8237, 23.9569



26.2375, 31.8237, 121.8660

Rectangle

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



53.3596, 31.8237, 48.1300



48.3654, 31.8237, 10.6799



15.0097, 31.8237, 23.9569



17.3351, 31.8237, 80.5151

Sweetspot

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



53.3605, 31.8253, 48.1306



77.5235, 70.3220, 86.4873



36.3088, 21.9371, 96.9283



16.1427, 14.3015, 17.8971



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.



53.3605, 31.8253, 48.1306



49.7947, 26.9523, 39.9791



47.1171, 29.3280, 15.2534



18.4403, 18.1594, 20.9357



24.2712, 12.1978, 15.3447



2.4181, 1.2096, 1.7830

Inverse Universe

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



53.3605, 31.8253, 48.1306



49.7947, 26.9523, 39.9791



56.1999, 80.1720, 98.0481



18.4403, 18.1594, 20.9357



24.2712, 12.1978, 15.3447



2.4181, 1.2096, 1.7830

Previews

White Background



This preview shows how the XYZ color 53.3596, 31.8237, 48.1300 looks on a white background.

Color Contrast Check

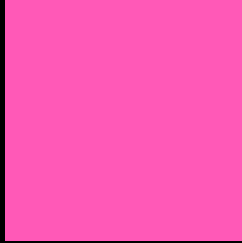
Large Text (above 18pt) WCAG AA × Fail

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 53.3596, 31.8237, 48.1300 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 53.3596, 31.8237, 48.1300

Background



This preview shows how black text looks on a background with the XYZ color 53.3596, 31.8237, 48.1300.



This preview shows how white text looks on a background with the XYZ color 53.3596, 31.8237,

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

53.3596, 31.8237, 48.1300

Protanopia

33.8338, 32.2685, 77.1182

Deuteranopia

32.4880, 31.8200, 44.4740



Tritanopia

47.2016, 31.6401, 19.2421

Trichromacy



Original Color

53.3596, 31.8237, 48.1300



Protanomaly

36.9326, 29.1402, 65.3061



Deuteranomaly

37.5175, 29.6905, 45.3484



Tritanomaly

48.9283, 31.4586, 27.5381

Monochromacy



Original Color

53.3596, 31.8237, 48.1300



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

34.7614, 28.4433, 37.3762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3596, 31.8237, 48.1300 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, 89, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 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(255, 89, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 183) }
```

Border

The CSS property to change the border of an element to XYZ 53.3596, 31.8237, 48.1300 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, 89, 183) }
```


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

```
.border{ border-color:rgb(255, 89, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 89, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3596, 31.8237, 48.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 183) }
```

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

```
.background{ background-color: rgb(255, 89,  
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