

Converting Colors

XYZ(53.5683, 31.4921, 56.3531)

Have a look what the booklet for
XYZ(53.5683, 31.4921, 56.3531)
contains.

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Color

**XYZ(53.6311, 31.5431,
56.0851)**

Conversions

Conversions Part 1

Format	Color
Hex	FC57C5
RGB	252, 87, 197
RGB Percent	99%, 34%, 77%
CMY	0.0118, 0.6588, 0.2274
CMYK	0.00, 0.65, 0.22, 0.01
HSL	320°, 96%, 66%
HSV	320°, 65%, 99%
XYZ	53.6311, 31.5431, 56.0851
YIQ	148.8750, 63.0300, 69.1900

Conversions

Conversions Part 2

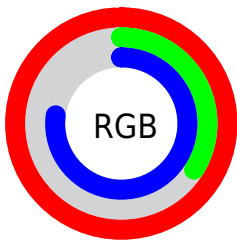
Format	Color
R _Y B	252, 87, 197
Decimal	16537541
CIE Lab	62.96, 72.81, -24.18
CIE LCh	63, 76.720, 341.631
Yxy	31.5431, 0.3797, 0.2233
Android (android.graphics.Color)	4294727621 (0xFFFC57C5)
YUV	148.8750, 23.7256, 90.4406
Hunter-Lab	56.1632, 72.1666, -19.8932

Details

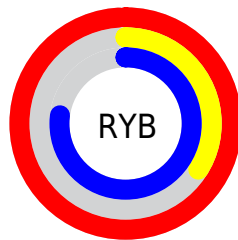
The XYZ color **53.6311, 31.5431, 56.0851** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **43.6251, 73.6010, 37.5020**, and the grayscale version is **28.4012, 29.8803, 32.5396**.

A 20% lighter version of the original color is **69.4083, 48.9735, 99.5605**, and **26.6962, 13.1896, 27.1254** is the 20% darker color. If you saturate the color by 10%, you get **50.9993, 27.7769, 50.5904**, and if you desaturate by 10%, it is **57.0303, 36.7573, 62.1008**.

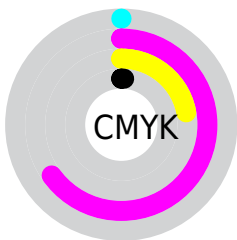
Distribution



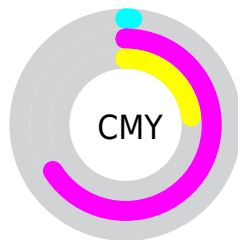
- Red (99%)
- Green (34%)
- Blue (77%)



- Red (99%)
- Yellow (34%)
- Blue (77%)



- Cyan (0%)
- Magenta (65%)
- Yellow (22%)
- Black (1%)





- Cyan (1%)
- Magenta (66%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6311, 31.5431, 56.0851 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 53.6311, 31.5431, 56.0851 by changing the saturation by 10% instead.


 53.6311, 31.5431,
56.0851

 53.6311, 31.5431,
56.0851

390.9231,
309.0326, 427.4094


 38.5363, 21.0128,
39.8667


 94.6925, 62.0941,
100.6160

 26.5783, 13.1333,
27.1216


 121.3897, 82.8836,
129.7656

 17.3917, 7.5204,
17.4314


 152.6852,
107.8616, 164.0627

 10.6112, 3.7896,
10.3773

 188.9442,
137.4124, 203.9259

 5.8714, 1.5566,
5.5410

230.5322,
171.9206, 249.7736

 2.8070, 0.3281,
2.5038

277.8144,

 1.0525, 0.0000,

211.7704, 302.0244

0.8422

331.1562,
257.3463, 361.0968

■ 0.0000, 0.0000,
0.0000

■ 53.6311, 31.5431,
56.0851

■ 53.6311, 31.5431,
56.0851

■ 50.9993, 27.7769,
50.5904

■ 57.0303, 36.7573,
62.1008

■ 49.0531, 25.2979,
45.5844

■ 61.2613, 43.5484,
68.6623


■ 47.6966, 23.9152,
41.0309

■ 66.3849, 52.0363,
75.7944

■ 47.2125, 23.5225,
39.0957

■ 72.4553, 62.3278,
83.5188

■ 79.5221, 74.5211,
91.8563

 87.6315, 88.7071,
100.8258

 93.9550, 99.4355,
108.8488

Harmonies

Analogous

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



45.5667, 31.5431, 98.5898



53.6311, 31.5431, 56.0851



54.5452, 31.5431, 23.9191

Triad

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



53.6311, 31.5431, 56.0851



26.0765, 31.5431, 3.0891



17.2369, 31.5431, 89.1597

Complementary

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



53.6311, 31.5431, 56.0851



43.6251, 73.6010, 37.5020

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.



14.1847, 31.5431, 47.4307



53.6311, 31.5431, 56.0851



18.4285, 31.5431, 6.6595

Square

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



53.6311, 31.5431, 56.0851



36.8345, 31.5431, 3.4575



14.5625, 31.5431, 19.1042



24.0347, 31.5431, 124.1730

Rectangle

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



53.6311, 31.5431, 56.0851



50.7679, 31.5431, 12.0073



14.5625, 31.5431, 19.1042



15.8197, 31.5431, 74.6812

Sweetspot

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



53.6321, 31.5447, 56.0857



78.2654, 70.6187, 90.3940



32.1362, 19.5976, 94.1847



16.3210, 14.3728, 18.8361



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.



53.6321, 31.5447, 56.0857



51.5989, 27.4809, 50.0750



46.6203, 28.7400, 19.1618



17.7327, 17.4204, 20.4479



24.6647, 12.2816, 20.7406



2.3335, 1.1572, 2.1798

Inverse Universe

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



53.6321, 31.5447, 56.0857



51.5989, 27.4809, 50.0750



52.2646, 77.0568, 82.9972



17.7327, 17.4204, 20.4479



24.6647, 12.2816, 20.7406



2.3335, 1.1572, 2.1798

Previews

White Background



This preview shows how the XYZ color 53.6311, 31.5431, 56.0851 looks on a white background.

Color Contrast Check

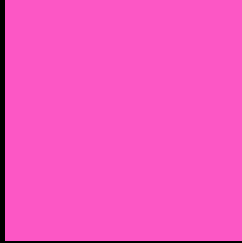
Large Text (above 18pt) WCAG AA × Fail

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 53.6311, 31.5431, 56.0851 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 53.6311, 31.5431, 56.0851

Background



This preview shows how black text looks on a background with the XYZ color 53.6311, 31.5431, 56.0851.



This preview shows how white text looks on a background with the XYZ color 53.6311, 31.5431,

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

53.6311, 31.5431, 56.0851

Protanopia

34.5902, 32.1183, 90.7625

Deuteranopia

32.4022, 31.6098, 51.9705



Tritanopia

46.1711, 31.3986, 20.1500

Trichromacy



Original Color

53.6311, 31.5431, 56.0851



Protanomaly

37.1100, 28.7795, 76.9979



Deuteranomaly

37.3583, 29.2481, 52.9667



Tritanomaly

48.3794, 31.1151, 30.2440

Monochromacy



Original Color

53.6311, 31.5431, 56.0851



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

34.5935, 28.1140, 39.6797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6311, 31.5431, 56.0851 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(252, 87, 197)` looks like.

```
.text, #text, p{  
    color:rgb(252, 87, 197)  
}
```

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(252, 87, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 87, 197) }
```

Border

The CSS property to change the border of an element to XYZ 53.6311, 31.5431, 56.0851 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(252, 87, 197) }
```


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

```
.border{ border-color:rgb(252, 87, 197) }
```

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

Here you see how a box with a 4 pixel rgb(252, 87, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 87, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 87, 197);  
box-shadow:4px 4px 4px 4px rgb(252, 87,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6311, 31.5431, 56.0851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 87, 197) }
```

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

```
.background{ background-color: rgb(252, 87,  
197) }
```

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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