

Converting Colors

XYZ(56.1647, 33.7134, 60.5344)

Have a look what the booklet for
XYZ(56.1647, 33.7134, 60.5344)
contains.

| | |
|--|----|
| XYZ(56.2313, 33.8041, 60.6879) | 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(56.2313, 33.8041,
60.6879)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF5FCC |
| RGB | 255, 95, 204 |
| RGB Percent | 100%, 37%, 80% |
| CMY | 0.0000, 0.6274, 0.2000 |
| CMYK | 0.00, 0.63, 0.20, 0.00 |
| HSL | 319°, 100%, 69% |
| HSV | 319°, 63%, 100% |
| XYZ | 56.2313, 33.8041, 60.6879 |
| YIQ | 155.2660, 60.3710, 67.8190 |

Conversions

Conversions Part 2

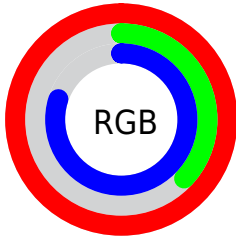
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 95, 204 |
| Decimal | 16736204 |
| CIE Lab | 64.81, 71.44, -25.27 |
| CIE LCh | 65, 75.776, 340.519 |
| Yxy | 33.8041, 0.3731, 0.2243 |
| Android (android.graphics.Color) | 4294926284 (0xFFFF5FCC) |
| YUV | 155.2660, 24.0259, 87.4667 |
| Hunter-Lab | 58.1413, 70.8889, -21.1880 |

Details

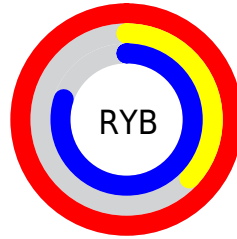
The XYZ color **56.2313, 33.8041, 60.6879** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **45.6692, 76.0290, 39.4655**, and the grayscale version is **31.1532, 32.7756, 35.6927**.

A 20% lighter version of the original color is **70.8456, 51.5912, 100.8319**, and **28.3373, 14.4574, 30.1512** is the 20% darker color. If you saturate the color by 10%, you get **53.3488, 29.5588, 55.0419**, and if you desaturate by 10%, it is **59.9178, 39.5757, 66.8536**.

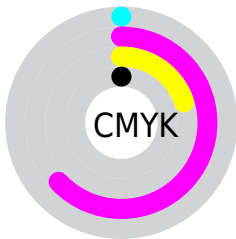
Distribution



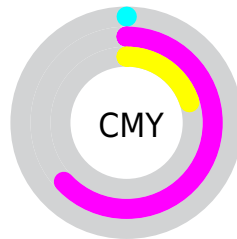
- Red (100%)
- Green (37%)
- Blue (80%)



- Red (100%)
- Yellow (37%)
- Blue (80%)



- Cyan (0%)
- Magenta (63%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2313, 33.8041, 60.6879 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 56.2313, 33.8041, 60.6879 by changing the saturation by 10% instead.


 56.2313, 33.8041,
60.6879


 56.2313, 33.8041,
60.6879

400.6235,
319.2577, 445.0036

 40.6261, 22.7431,
43.5444


 98.4805, 65.6289,
107.3800


 28.2134, 14.4040,
29.9779


 125.8553, 87.1616,
137.7658

 18.6279, 8.4022,
19.5699


 157.8840,
112.9536, 173.4027

 11.5041, 4.3533,
11.9019

 194.9319,
143.3893, 214.7093

 6.4768, 1.8731,
6.5552

237.3645,
178.8532, 262.1041

 3.1805, 0.5321,
3.1113

285.5470,

 1.2499, 0.0000,

219.7296, 316.0058

1.1517

339.8449,
266.4030, 376.8327

■ 0.1452, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2313, 33.8041,
60.6879

■ 56.2313, 33.8041,
60.6879

■ 53.3488, 29.5588,
55.0419

■ 59.9178, 39.5757,
66.8536

■ 51.1905, 26.6818,
49.8843

■ 64.4727, 47.0015,
73.5633

■ 49.6637, 24.9889,
45.1806

■ 69.9565, 56.2013,
80.8409

■ 48.8522, 24.3049,
42.0155

■ 76.4235, 67.2826,
88.7083

83.9236, 80.3441,
97.1854

92.5034, 95.4775,
106.2913

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.



47.7705, 33.8041, 103.9391



56.2313, 33.8041, 60.6879



57.4719, 33.8041, 26.8955

Triad

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



56.2313, 33.8041, 60.6879



28.4515, 33.8041, 3.7067



18.6796, 33.8041, 91.2377

Complementary

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



56.2313, 33.8041, 60.6879



45.6692, 76.0290, 39.4655

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.



15.6078, 33.8041, 48.8957



56.2313, 33.8041, 60.6879



20.3405, 33.8041, 7.4272

Square

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



56.2313, 33.8041, 60.6879



39.6428, 33.8041, 4.2577



16.1378, 33.8041, 20.1916



25.6315, 33.8041, 127.4187

Rectangle

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



56.2313, 33.8041, 60.6879



53.7918, 33.8041, 13.9568



16.1378, 33.8041, 20.1916



17.2391, 33.8041, 76.5043

Sweetspot

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



56.2322, 33.8057, 60.6885



79.1062, 71.9328, 91.8077



33.9390, 21.4871, 96.9664



16.4902, 14.6303, 19.1418



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.



56.2322, 33.8057, 60.6885



52.8010, 28.7953, 53.8355



48.9927, 30.9099, 22.5659



18.5318, 18.1960, 21.4177



25.5973, 12.7282, 22.3277



2.5421, 1.2592, 2.4360

Inverse Universe

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



56.2322, 33.8057, 60.6885



52.8010, 28.7953, 53.8355



54.1622, 79.4262, 84.1892



18.5318, 18.1960, 21.4177



25.5973, 12.7282, 22.3277



2.5421, 1.2592, 2.4360

Previews

White Background



This preview shows how the XYZ color 56.2313, 33.8041, 60.6879 looks on a white background.

Color Contrast Check

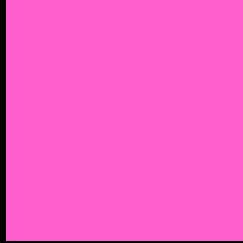
Large Text (above 18pt) WCAG AA × Fail

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 56.2313, 33.8041, 60.6879 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 56.2313, 33.8041, 60.6879

Background



This preview shows how black text looks on a background with the XYZ color 56.2313, 33.8041, 60.6879.



This preview shows how white text looks on a background with the XYZ color 56.2313, 33.8041,

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

56.2313, 33.8041, 60.6879

Protanopia

36.6961, 34.0783, 95.0862

Deuteranopia

34.7324, 33.9214, 56.3466



Tritanopia

48.5319, 33.8773, 22.7199

Trichromacy



Original Color

56.2313, 33.8041, 60.6879



Protanomaly

39.6731, 31.2043, 81.0228



Deuteranomaly

40.0664, 31.9286, 57.4772



Tritanomaly

50.8137, 33.5014, 33.4940

Monochromacy



Original Color

56.2313, 33.8041, 60.6879



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

37.4162, 30.8686, 43.5213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2313, 33.8041, 60.6879 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, 95, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 204)  
}
```

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, 95, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 204) }
```

Border

The CSS property to change the border of an element to XYZ 56.2313, 33.8041, 60.6879 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, 95, 204) }
```


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

```
.border{ border-color:rgb(255, 95, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 95, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2313, 33.8041, 60.6879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 204) }
```

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

```
.background{ background-color: rgb(255, 95,  
204) }
```

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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