

Converting Colors

XYZ(56.1389, 33.5922, 60.7409)

Have a look what the booklet for
XYZ(56.1389, 33.5922, 60.7409)
contains.

XYZ(56.1418, 33.6250, 60.6580)	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(56.1418, 33.6250,
60.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5ECC
RGB	255, 94, 204
RGB Percent	100%, 37%, 80%
CMY	0.0000, 0.6313, 0.2000
CMYK	0.00, 0.63, 0.20, 0.00
HSL	319°, 100%, 68%
HSV	319°, 63%, 100%
XYZ	56.1418, 33.6250, 60.6580
YIQ	154.6790, 60.6460, 68.3420

Conversions

Conversions Part 2

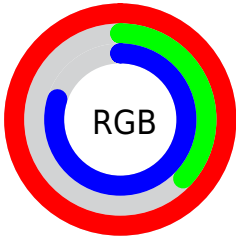
Format	Color
R _Y B	255, 94, 204
Decimal	16735948
CIE Lab	64.66, 71.83, -25.49
CIE LCh	65, 76.220, 340.462
Yxy	33.6250, 0.3732, 0.2235
Android (android.graphics.Color)	4294926028 (0xFFFF5ECC)
YUV	154.6790, 24.3153, 87.9815
Hunter-Lab	57.9871, 71.3424, -21.4300

Details

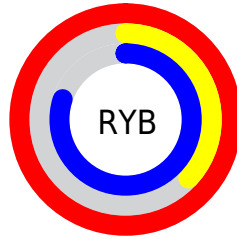
The XYZ color **56.1418, 33.6250, 60.6580** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **45.4884, 75.9447, 39.0525**, and the grayscale version is **30.8927, 32.5015, 35.3942**.

A 20% lighter version of the original color is **70.6812, 51.2625, 100.7771**, and **28.2976, 14.3779, 30.1379** is the 20% darker color. If you saturate the color by 10%, you get **53.2930, 29.4380, 55.0516**, and if you desaturate by 10%, it is **59.7911, 39.3324, 66.7799**.

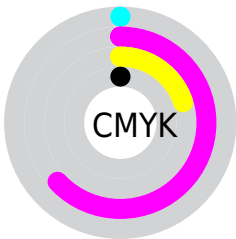
Distribution



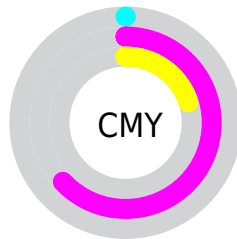
- Red (100%)
- Green (37%)
- Blue (80%)



- 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 56.1418, 33.6250, 60.6580 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 56.1418, 33.6250, 60.6580 by changing the saturation by 10% instead.


 56.1418, 33.6250,
60.6580


 56.1418, 33.6250,
60.6580


400.2920,
318.4567, 444.8907


 40.5541, 22.6057,
43.5205


 98.3505, 65.3501,
107.3363

 28.1569, 14.3026,
29.9593


 125.7021, 86.8246,
137.7141

 18.5851, 8.3314,
19.5559


 157.7058,
112.5530, 173.3425

 11.4731, 4.3077,
11.8918

 194.7269,
142.9197, 214.6398

 6.4556, 1.8472,
6.5484

237.1307,
178.3090, 262.0248

 3.1673, 0.5163,
3.1072

285.2826,

 1.2428, 0.0000,

219.1053, 315.9159

1.1496

339.5479,
265.6931, 376.7317

■ 0.1398, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1418, 33.6250,
60.6580

■ 56.1418, 33.6250,
60.6580

■ 53.2930, 29.4380,
55.0516

■ 59.7911, 39.3324,
66.7799

■ 51.1645, 26.6125,
49.9292

■ 64.3057, 46.6889,
73.4414

■ 49.6629, 24.9626,
45.2562

■ 69.7464, 55.8148,
80.6669

■ 48.9015, 24.3246,
42.2748

■ 76.1676, 66.8179,
88.4777

83.6193, 79.7971,
96.8942

92.1483, 94.8446,
105.9352

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.



47.6317, 33.6250, 104.1614



56.1418, 33.6250, 60.6580



57.4044, 33.6250, 26.7330

Triad

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



56.1418, 33.6250, 60.6580



28.2928, 33.6250, 3.5885



18.4870, 33.6250, 91.2152

Complementary

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



56.1418, 33.6250, 60.6580



45.4884, 75.9447, 39.0525

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.



15.4261, 33.6250, 48.6663



56.1418, 33.6250, 60.6580



20.1682, 33.6250, 7.2559

Square

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



56.1418, 33.6250, 60.6580



39.5166, 33.6250, 4.1385



15.9619, 33.6250, 19.9452



25.4331, 33.6250, 127.6853

Rectangle

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



56.1418, 33.6250, 60.6580



53.7156, 33.6250, 13.7885



15.9619, 33.6250, 19.9452



17.0502, 33.6250, 76.3931

Sweetspot

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



56.1426, 33.6265, 60.6586



79.1204, 71.9385, 91.8826



33.7285, 21.2456, 96.9309



16.4937, 14.6317, 19.1600



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.



56.1426, 33.6265, 60.6586



52.6130, 28.4963, 53.5354



48.8514, 30.7101, 22.2640



18.5334, 18.1967, 21.4261



25.6229, 12.7384, 22.4623



2.5444, 1.2601, 2.4484

Inverse Universe

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



56.1426, 33.6265, 60.6586



52.6130, 28.4963, 53.5354



54.0338, 79.3629, 84.0521



18.5334, 18.1967, 21.4261



25.6229, 12.7384, 22.4623



2.5444, 1.2601, 2.4484

Previews

White Background



This preview shows how the XYZ color 56.1418, 33.6250, 60.6580 looks on a white background.

Color Contrast Check

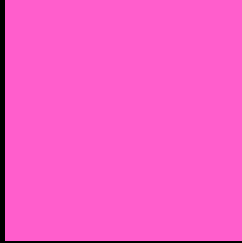
Large Text (above 18pt) WCAG AA × Fail

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 56.1418, 33.6250, 60.6580 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 56.1418, 33.6250, 60.6580

Background



This preview shows how black text looks on a background with the XYZ color 56.1418, 33.6250, 60.6580.



This preview shows how white text looks on a background with the XYZ color 56.1418, 33.6250,

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

56.1418, 33.6250, 60.6580

Protanopia

36.7139, 34.0693, 95.9078

Deuteranopia

34.5428, 33.8236, 56.3378



Tritanopia

48.0637, 33.4657, 22.6652

Trichromacy



Original Color

56.1418, 33.6250, 60.6580



Protanomaly

39.4647, 30.8781, 81.7219



Deuteranomaly

39.6795, 31.5269, 57.4200



Tritanomaly

50.3495, 33.1064, 33.4422

Monochromacy



Original Color

56.1418, 33.6250, 60.6580



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 56.1418, 33.6250, 60.6580 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, 94, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 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, 94, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 204) }
```

Border

The CSS property to change the border of an element to XYZ 56.1418, 33.6250, 60.6580 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, 94, 204) }
```


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

```
.border{ border-color:rgb(255, 94, 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, 94, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1418, 33.6250, 60.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 204) }
```

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

```
.background{ background-color: rgb(255, 94,  
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](#).

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