

Converting Colors

XYZ(59.0922, 34.5153, 63.5530)

Have a look what the booklet for
XYZ(59.0922, 34.5153, 63.5530)
contains.

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Color

**XYZ(56.4048, 33.1758,
63.7523)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5AD1
RGB	255, 90, 209
RGB Percent	100%, 35%, 82%
CMY	0.0000, 0.6470, 0.1804
CMYK	0.00, 0.65, 0.18, 0.00
HSL	317°, 100%, 68%
HSV	317°, 65%, 100%
XYZ	56.4048, 33.1758, 63.7523
YIQ	152.9010, 60.1410, 71.9890

Conversions

Conversions Part 2

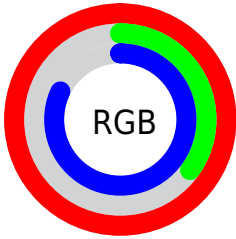
Format	Color
R _Y B	255, 90, 209
Decimal	16734929
CIE Lab	64.30, 74.04, -28.86
CIE LCh	64, 79.468, 338.702
Yxy	33.1758, 0.3679, 0.2164
Android (android.graphics.Color)	4294925009 (0xFFFF5AD1)
YUV	152.9010, 27.6568, 89.5408
Hunter-Lab	57.5984, 74.0036, -25.3057

Details

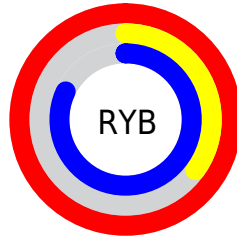
The XYZ color **56.4048, 33.1758, 63.7523** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **44.4218, 75.4719, 35.5219**, and the grayscale version is **30.1021, 31.6698, 34.4884**.

A 20% lighter version of the original color is **70.0374, 49.9749, 100.5625**, and **28.4252, 14.1089, 31.7970** is the 20% darker color. If you saturate the color by 10%, you get **53.7500, 29.2436, 58.6212**, and if you desaturate by 10%, it is **59.8378, 38.6014, 69.3373**.

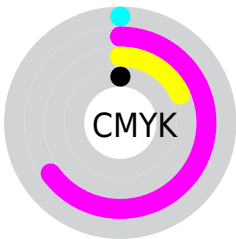
Distribution



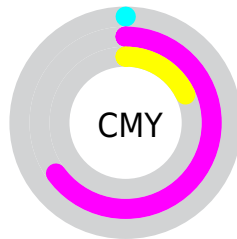
- Red (100%)
- Green (35%)
- Blue (82%)



- Red (100%)
- Yellow (35%)
- Blue (82%)



- Cyan (0%)
- Magenta (65%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4048, 33.1758, 63.7523 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 56.4048, 33.1758, 63.7523 by changing the saturation by 10% instead.


 56.4048, 33.1758,
63.7523


 56.4048, 33.1758,
63.7523


401.2656,
316.4412, 456.4775


 40.7658, 22.2612,
46.0052

 98.7326, 64.6499,
111.8502


 28.3230, 14.0489,
31.9012


 126.1521, 85.9781,
143.0380

 18.7110, 8.1547,
21.0219


 158.2292,
111.5464, 179.5431

 11.5644, 4.1941,
12.9486

 195.3292,
141.7390, 221.7841

 6.5179, 1.7827,
7.2628

237.8175,
176.9404, 270.1795

 3.2061, 0.4764,
3.5461

286.0594,

 1.2637, 0.0000,

217.5349, 325.1479

1.3798

340.4203,
263.9071, 387.1077

■ 0.1558, 0.0000,
0.1259

■ 0.0000, 0.0000,
0.0000

■ 56.4048, 33.1758,
63.7523

■ 56.4048, 33.1758,
63.7523

■ 53.7500, 29.2436,
58.6212

■ 59.8378, 38.6014,
69.3373

■ 51.7915, 26.6419,
53.9132

■ 64.1151, 45.6519,
75.3996

■ 50.4323, 25.1778,
49.5937

■ 69.2981, 54.4495,
81.9626

■ 49.8819, 24.7168,
47.4376

■ 75.4418, 65.1033,
89.0467

82.5967, 77.7134,
96.6713

90.8096, 92.3731,
104.8542

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.



47.1552, 33.1758, 109.6538



56.4048, 33.1758, 63.7523



58.2417, 33.1758, 27.5058

Triad

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



56.4048, 33.1758, 63.7523



28.3595, 33.1758, 2.9252



17.4388, 33.1758, 90.6418

Complementary

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



56.4048, 33.1758, 63.7523



44.4218, 75.4719, 35.5219

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.



14.5677, 33.1758, 46.3741



56.4048, 33.1758, 63.7523



19.8089, 33.1758, 6.0781

Square

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



56.4048, 33.1758, 63.7523



40.0973, 33.1758, 3.6374



15.3173, 33.1758, 17.9132



24.2836, 33.1758, 130.5898

Rectangle

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



56.4048, 33.1758, 63.7523



54.6762, 33.1758, 13.7286



15.3173, 33.1758, 17.9132



16.0614, 33.1758, 74.9852

Sweetspot

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



56.4056, 33.1773, 63.7529



79.3948, 72.0482, 93.3272



31.5395, 19.6027, 96.7291



16.5604, 14.6584, 19.5115



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.



56.4056, 33.1773, 63.7529



53.0314, 28.2470, 57.0234



48.8267, 30.1457, 23.8427



18.5640, 18.2089, 21.5869



26.1311, 12.9417, 25.1388



2.5908, 1.2787, 2.6926

Inverse Universe

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



56.4056, 33.1773, 63.7529



53.0314, 28.2470, 57.0234



52.4370, 78.6780, 77.7292



18.5640, 18.2089, 21.5869



26.1311, 12.9417, 25.1388



2.5908, 1.2787, 2.6926

Previews

White Background



This preview shows how the XYZ color 56.4048, 33.1758, 63.7523 looks on a white background.

Color Contrast Check

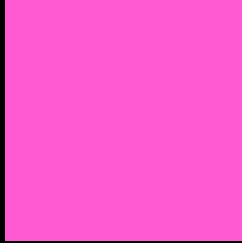
Large Text (above 18pt) WCAG AA × Fail

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 56.4048, 33.1758, 63.7523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

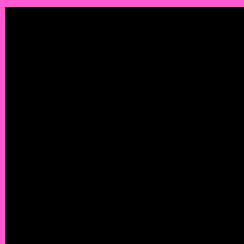
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4048, 33.1758, 63.7523

Background



This preview shows how black text looks on a background with the XYZ color 56.4048, 33.1758, 63.7523.



This preview shows how white text looks on a background with the XYZ color 56.4048, 33.1758,

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

56.4048, 33.1758, 63.7523

Protanopia

36.5115, 33.6473, 99.1780

Deuteranopia

34.0945, 33.2955, 58.6625



Tritanopia

47.8263, 33.1893, 21.9746

Trichromacy



Original Color

56.4048, 33.1758, 63.7523



Protanomaly

39.1411, 30.2453, 84.6639



Deuteranomaly

39.5012, 30.9684, 60.3955



Tritanomaly

50.2257, 32.7271, 33.8068

Monochromacy



Original Color

56.4048, 33.1758, 63.7523



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

36.7607, 29.9295, 43.3746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4048, 33.1758, 63.7523 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, 90, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 90, 209)  
}
```

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, 90, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 90, 209) }
```

Border

The CSS property to change the border of an element to XYZ 56.4048, 33.1758, 63.7523 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, 90, 209) }
```


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

```
.border{ border-color:rgb(255, 90, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 90, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 90, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 90, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 90,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4048, 33.1758, 63.7523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 90, 209) }
```

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

```
.background{ background-color: rgb(255, 90,  
209) }
```

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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