

Converting Colors

XYZ(58.0938, 36.7513, 63.7063)

Have a look what the booklet for
XYZ(58.0938, 36.7513, 63.7063)
contains.

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Color

**XYZ(58.0938, 36.7513,
63.7063)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6DD0
RGB	255, 109, 208
RGB Percent	100%, 43%, 82%
CMY	0.0000, 0.5725, 0.1843
CMYK	0.00, 0.57, 0.18, 0.00
HSL	319°, 100%, 71%
HSV	319°, 57%, 100%
XYZ	58.0938, 36.7513, 63.7063
YIQ	163.9400, 55.2370, 61.7410

Conversions

Conversions Part 2

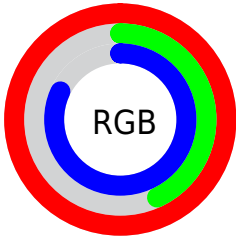
Format	Color
R _Y B	255, 109, 208
Decimal	16739792
CIE Lab	67.09, 66.18, -24.02
CIE LCh	67, 70.404, 340.053
Yxy	36.7513, 0.3664, 0.2318
Android (android.graphics.Color)	4294929872 (0xFFFF6DD0)
YUV	163.9400, 21.7216, 79.8596
Hunter-Lab	60.6229, 64.9634, -19.8697

Details

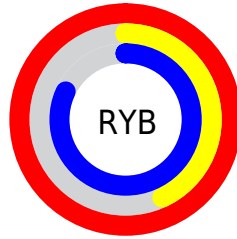
The XYZ color **58.0938, 36.7513, 63.7063** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.0689, 77.1722, 43.8177**, and the grayscale version is **35.1410, 36.9710, 40.2614**.

A 20% lighter version of the original color is **72.9262, 55.7524, 101.5254**, and **29.3538, 16.0986, 31.6972** is the 20% darker color. If you saturate the color by 10%, you get **54.7732, 31.6848, 57.7448**, and if you desaturate by 10%, it is **62.2572, 43.4195, 70.2075**.

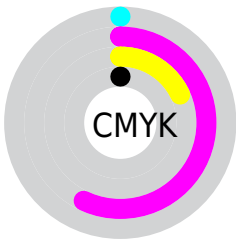
Distribution



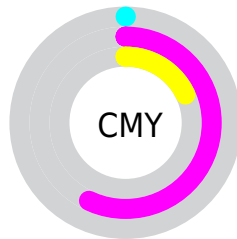
- Red (100%)
- Green (43%)
- Blue (82%)



- Red (100%)
- Yellow (43%)
- Blue (82%)



- Cyan (0%)
- Magenta (57%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (57%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0938, 36.7513, 63.7063 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 58.0938, 36.7513, 63.7063 by changing the saturation by 10% instead.


 58.0938, 36.7513,
63.7063


 58.0938, 36.7513,
63.7063


407.4836,
332.2325, 456.3066


 42.1276, 25.0150,
45.9682


 101.1816, 70.1901,
111.7832

 29.3928, 16.0882,
31.8722


 129.0340, 92.6614,
142.9591

 19.5239, 9.5866,
20.9999


 161.5791,
119.4798, 179.4514

 12.1557, 5.1257,
12.9327

199.1823,
151.0298, 221.6785

 6.9228, 2.3212,
7.2520

242.2090,
187.6956, 270.0590

 3.4597, 0.7849,
3.5394

291.0246,

 1.4013, 0.0000,

229.8618, 325.0115

1.3762

345.9943,
277.9126, 386.9545

■ 0.2571, 0.0000,
0.1231

■ 0.0000, 0.0000,
0.0000

■ 58.0938, 36.7513,
63.7063

■ 58.0938, 36.7513,
63.7063

■ 54.7732, 31.6848,
57.7448

■ 62.2572, 43.4195,
70.2075

■ 52.2216, 28.0741,
52.2932


■ 67.3235, 51.8088,
77.2711


■ 50.3564, 25.7550,
47.3207

■ 73.3502, 62.0326,
84.9202

■ 49.0700, 24.5137,
42.7871

■ 80.3890, 74.1934,
93.1756

 48.7739, 24.2736,
41.6030

 88.4879, 88.3860,
102.0571

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.



49.9345, 36.7513, 104.2937



58.0938, 36.7513, 63.7063



59.3943, 36.7513, 30.5760

Triad

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



58.0938, 36.7513, 63.7063



31.4572, 36.7513, 5.5009



21.4163, 36.7513, 91.2513

Complementary

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



58.0938, 36.7513, 63.7063



48.0689, 77.1722, 43.8177

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.



18.3200, 36.7513, 51.2227



58.0938, 36.7513, 63.7063



23.2812, 36.7513, 9.7143

Square

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



58.0938, 36.7513, 63.7063



42.4407, 36.7513, 6.2326



18.9246, 36.7513, 23.0746



28.3639, 36.7513, 125.0379

Rectangle

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



58.0938, 36.7513, 63.7063



55.9677, 36.7513, 17.1455



18.9246, 36.7513, 23.0746



19.9622, 36.7513, 77.4294

Sweetspot

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



58.0947, 36.7529, 63.7070



80.5799, 74.5257, 93.3917



37.0828, 25.1510, 97.5079



16.9257, 15.3922, 19.6234



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.



58.0947, 36.7529, 63.7070



54.2738, 30.9529, 56.7558



51.1372, 33.9700, 27.0696



18.5293, 18.1950, 21.4043



25.5567, 12.7120, 22.1136



2.5384, 1.2577, 2.4164

Inverse Universe

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



58.0947, 36.7529, 63.7070



54.2738, 30.9529, 56.7558



56.1038, 80.3862, 86.1288



18.5293, 18.1950, 21.4043



25.5567, 12.7120, 22.1136



2.5384, 1.2577, 2.4164

Previews

White Background



This preview shows how the XYZ color 58.0938, 36.7513, 63.7063 looks on a white background.

Color Contrast Check

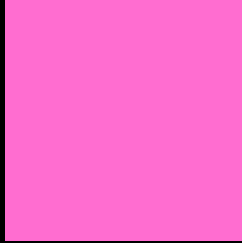
Large Text (above 18pt) WCAG AA × Fail

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 58.0938, 36.7513, 63.7063 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 58.0938, 36.7513, 63.7063

Background



This preview shows how black text looks on a background with the XYZ color 58.0938, 36.7513, 63.7063.



This preview shows how white text looks on a background with the XYZ color 58.0938, 36.7513,

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

58.0938, 36.7513, 63.7063

Protanopia

39.3649, 37.2735, 93.1154

Deuteranopia

37.6941, 36.8888, 59.7771



Tritanopia

50.5454, 36.6274, 27.3274

Trichromacy



Original Color

58.0938, 36.7513, 63.7063



Protanomaly

42.7411, 34.6942, 81.5347



Deuteranomaly

42.8100, 34.9637, 60.9922



Tritanomaly

53.0217, 36.5508, 38.4429

Monochromacy



Original Color

58.0938, 36.7513, 63.7063



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

41.2374, 35.1121, 47.7839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0938, 36.7513, 63.7063 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, 109, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 109, 208)  
}
```

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, 109, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 109, 208) }
```

Border

The CSS property to change the border of an element to XYZ 58.0938, 36.7513, 63.7063 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, 109, 208) }
```


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

```
.border{ border-color:rgb(255, 109, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 109, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 109, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 109, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 109,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0938, 36.7513, 63.7063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 109, 208) }
```

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

```
.background{ background-color: rgb(255,  
109, 208) }
```

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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