

Converting Colors

XYZ(69.2062, 43.0159, 66.5026)

Have a look what the booklet for
XYZ(69.2062, 43.0159, 66.5026)
contains.

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Color

**XYZ(58.9030, 37.7734,
65.8145)**

Conversions

Conversions Part 1

Format	Color
Hex	FF71D3
RGB	255, 113, 211
RGB Percent	100%, 44%, 83%
CMY	0.0000, 0.5568, 0.1725
CMYK	0.00, 0.56, 0.17, 0.00
HSL	319°, 100%, 72%
HSV	319°, 56%, 100%
XYZ	58.9030, 37.7734, 65.8145
YIQ	166.6300, 53.1740, 60.5820

Conversions

Conversions Part 2

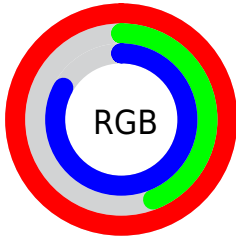
Format	Color
R_{YB}	255, 113, 211
Decimal	16740819
CIE _{Lab}	67.85, 64.85, -24.53
CIE _{LCh}	68, 69.335, 339.282
Yxy	37.7734, 0.3625, 0.2325
Android (android.graphics.Color)	4294930899 (0xFFFF71D3)
YUV	166.6300, 21.8744, 77.5005
Hunter-Lab	61.4601, 63.5183, -20.4686

Details

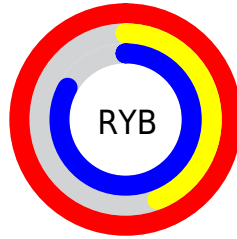
The XYZ color **58.9030, 37.7734, 65.8145** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.6574, 77.4658, 44.2892**, and the grayscale version is **36.4311, 38.3283, 41.7396**.

A 20% lighter version of the original color is **73.6647, 57.2295, 101.7716**, and **29.8256, 16.6407, 33.0925** is the 20% darker color. If you saturate the color by 10%, you get **55.4807, 32.4754, 59.9060**, and if you desaturate by 10%, it is **63.1748, 44.6922, 72.2473**.

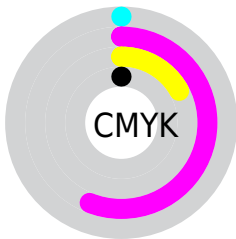
Distribution



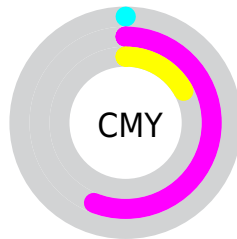
- Red (100%)
- Green (44%)
- Blue (83%)



- Red (100%)
- Yellow (44%)
- Blue (83%)



- Cyan (0%)
- Magenta (56%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (56%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9030, 37.7734, 65.8145 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 58.9030, 37.7734, 65.8145 by changing the saturation by 10% instead.

 58.9030, 37.7734,
65.8145


 58.9030, 37.7734,
65.8145


410.4422,
336.6469, 464.0993


 42.7811, 25.8069,
47.6663

 102.3521, 71.7607,
114.8445

 29.9072, 16.6792,
33.2046


 130.4100, 94.5502,
146.5634

 19.9159, 10.0060,
22.0108


 163.1773,
121.7162, 183.6429

 12.4418, 5.4030,
13.6665

201.0194,
153.6431, 226.5017

 7.1197, 2.4856,
7.7530

244.3016,
190.7152, 275.5581

 3.5840, 0.8694,
3.8518

293.3892,

 1.4696, 0.0000,

233.3169, 331.2309

1.5444

348.6476,
281.8327, 393.9384

■ 0.3050, 0.0000,
0.2507

■ 0.0000, 0.0000,
0.0000

■ 58.9030, 37.7734,
65.8145

■ 58.9030, 37.7734,
65.8145

■ 55.4807, 32.4754,
59.9060

■ 63.1748, 44.6922,
72.2473

■ 52.8357, 28.6551,
54.4930

■ 68.3549, 53.3488,
79.2260

■ 50.8877, 26.1532,
49.5458

■ 74.4998, 63.8550,
86.7733

■ 49.5363, 24.7702,
45.0273

■ 81.6608, 76.3120,
94.9093

■ 49.0748, 24.3939,
43.1875

■ 89.8850, 90.8135,
103.6530

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.



50.6375, 37.7734, 106.0373



58.9030, 37.7734, 65.8145



60.3977, 37.7734, 32.3034

Triad

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



58.9030, 37.7734, 65.8145



32.6718, 37.7734, 6.0095



22.1668, 37.7734, 91.1215

Complementary

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



58.9030, 37.7734, 65.8145



48.6574, 77.4658, 44.2892

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.



19.1282, 37.7734, 51.4309



58.9030, 37.7734, 65.8145



24.3452, 37.7734, 10.2250

Square

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



58.9030, 37.7734, 65.8145



43.7191, 37.7734, 6.8964



19.8370, 37.7734, 23.5461



29.0780, 37.7734, 125.0149

Rectangle

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



58.9030, 37.7734, 65.8145



57.1075, 37.7734, 18.4444



19.8370, 37.7734, 23.5461



20.7281, 37.7734, 77.3913

Sweetspot

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



58.9039, 37.7751, 65.8152



80.6581, 74.5570, 93.8037



37.5900, 26.0605, 97.6567



16.9443, 15.3996, 19.7211



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.



58.9039, 37.7751, 65.8152



55.0896, 31.8910, 59.1656



51.9839, 35.0071, 29.3751



18.5390, 18.1989, 21.4553



25.7128, 12.7744, 22.9357



2.5527, 1.2634, 2.4918

Inverse Universe

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



58.9039, 37.7751, 65.8152



55.0896, 31.8910, 59.1656



56.3812, 80.5553, 84.9621



18.5390, 18.1989, 21.4553



25.7128, 12.7744, 22.9357



2.5527, 1.2634, 2.4918

Previews

White Background



This preview shows how the XYZ color 58.9030, 37.7734, 65.8145 looks on a white background.

Color Contrast Check

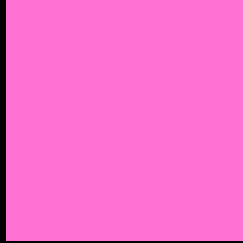
Large Text (above 18pt) WCAG AA × Fail

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 58.9030, 37.7734, 65.8145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

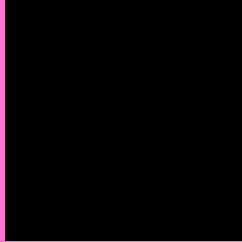
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9030, 37.7734, 65.8145

Background



This preview shows how black text looks on a background with the XYZ color 58.9030, 37.7734, 65.8145.



This preview shows how white text looks on a background with the XYZ color 58.9030, 37.7734,

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

58.9030, 37.7734, 65.8145

Protanopia

40.3494, 38.2682, 94.8824

Deuteranopia

38.8041, 37.9390, 61.7777



Tritanopia

51.3542, 37.7858, 29.0128

Trichromacy



Original Color

58.9030, 37.7734, 65.8145



Protanomaly

43.7112, 35.8327, 83.2098



Deuteranomaly

43.8788, 36.1385, 63.0553



Tritanomaly

53.7828, 37.6411, 40.0281

Monochromacy



Original Color

58.9030, 37.7734, 65.8145



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

42.5341, 36.4284, 49.5893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9030, 37.7734, 65.8145 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, 113, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 211)  
}
```

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, 113, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.9030, 37.7734, 65.8145 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, 113, 211) }
```


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

```
.border{ border-color:rgb(255, 113, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9030, 37.7734, 65.8145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 211) }
```

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

```
.background{ background-color: rgb(255,  
113, 211) }
```

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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