

Converting Colors

XYZ(57.3594, 33.4569, 69.0895)

Have a look what the booklet for
XYZ(57.3594, 33.4569, 69.0895)
contains.

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Color

**XYZ(57.3368, 33.4145,
69.0733)**

Conversions

Conversions Part 1

Format	Color
Hex	FF59D9
RGB	255, 89, 217
RGB Percent	100%, 35%, 85%
CMY	0.0000, 0.6509, 0.1490
CMYK	0.00, 0.65, 0.15, 0.00
HSL	314°, 100%, 67%
HSV	314°, 65%, 100%
XYZ	57.3368, 33.4145, 69.0733
YIQ	153.2260, 57.8480, 75.0000

Conversions

Conversions Part 2

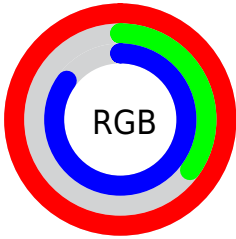
Format	Color
R _{YB}	255, 89, 217
Decimal	16734681
CIE Lab	64.50, 75.51, -33.06
CIE LCh	64, 82.435, 336.354
Yxy	33.4145, 0.3587, 0.2091
Android (android.graphics.Color)	4294924761 (0xFFFF59D9)
YUV	153.2260, 31.4406, 89.2558
Hunter-Lab	57.8053, 75.8941, -30.3837

Details

The XYZ color **57.3368, 33.4145, 69.0733** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **43.7119, 75.1768, 32.2881**, and the grayscale version is **30.2279, 31.8021, 34.6325**.

A 20% lighter version of the original color is **70.0374, 49.9749, 100.5625**, and **29.0490, 14.2542, 35.4027** is the 20% darker color. If you saturate the color by 10%, you get **54.8241, 29.5829, 64.5557**, and if you desaturate by 10%, it is **60.6123, 38.7286, 73.9784**.

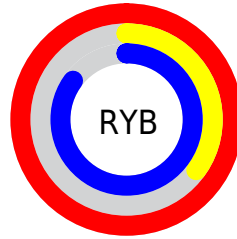
Distribution



Red (100%)

Green (35%)

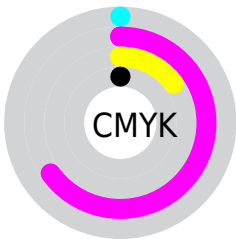
Blue (85%)



Red (100%)

Yellow (35%)

Blue (85%)

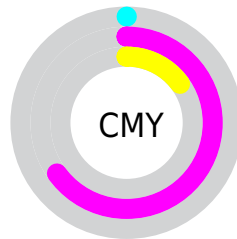


Cyan (0%)

Magenta (65%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (65%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3368, 33.4145, 69.0733 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 57.3368, 33.4145, 69.0733 by changing the saturation by 10% instead.


 57.3368, 33.4145,
69.0733

 57.3368, 33.4145,
69.0733


404.7040,
317.5134, 475.9904


 41.5169, 22.4442,
50.2993

 100.0850, 65.0221,
119.5550

 28.9127, 14.1836,
35.2784


 127.7440, 86.4282,
152.0997

 19.1587, 8.2485,
23.5921


 160.0800,
112.0817, 190.0717

 11.8897, 4.2544,
14.8220

 197.4585,
142.3669, 233.8896

 6.7403, 1.8168,
8.5493

240.2448,
177.6683, 283.9718

 3.3451, 0.4976,
4.3556

288.8043,

 1.3388, 0.0000,

218.3702, 340.7370

1.8224

343.5022,
264.8571, 404.6037

■ 0.2120, 0.0000,
0.4427

■ 0.0000, 0.0000,
0.0000

■ 57.3368, 33.4145,
69.0733

■ 57.3368, 33.4145,
69.0733

■ 54.8241, 29.5829,
64.5557

■ 60.6123, 38.7286,
73.9784

■ 52.9922, 27.0703,
60.3959

■ 64.7169, 45.6577,
79.2934

■ 51.7433, 25.6817,
56.5602

■ 69.7122, 54.3241,
85.0404

■ 51.2750, 25.2740,
54.7738

■ 75.6530, 64.8374,
91.2391

82.5898, 77.2981,
97.9075

90.5694, 91.7992,
105.0625

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.



47.1567, 33.4145, 117.5574



57.3368, 33.4145, 69.0733



59.9886, 33.4145, 29.6695

Triad

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



57.3368, 33.4145, 69.0733



29.3197, 33.4145, 2.5015



16.7940, 33.4145, 89.9317

Complementary

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



57.3368, 33.4145, 69.0733



43.7119, 75.1768, 32.2881

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.



14.1556, 33.4145, 44.0391



57.3368, 33.4145, 69.0733



20.1419, 33.4145, 5.1638

Square

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



57.3368, 33.4145, 69.0733



41.7319, 33.4145, 3.4473



15.2086, 33.4145, 16.0823



23.5176, 33.4145, 133.9454

Rectangle

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



57.3368, 33.4145, 69.0733



56.6693, 33.4145, 14.5247



15.2086, 33.4145, 16.0823



15.4869, 33.4145, 73.4174

Sweetspot

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



57.3375, 33.4159, 69.0739



79.0596, 70.9364, 94.5767



30.0766, 18.7241, 96.6366



16.5128, 14.4495, 19.8459



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.



57.3375, 33.4159, 69.0739



54.2256, 28.7247, 63.3116



49.2598, 30.1849, 26.5372



18.6043, 18.2250, 21.7993



26.8521, 13.2301, 28.9352



2.6558, 1.3047, 3.0349

Inverse Universe

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



57.3375, 33.4159, 69.0739



54.2256, 28.7247, 63.3116



51.2620, 78.1968, 72.0463



18.6043, 18.2250, 21.7993



26.8521, 13.2301, 28.9352



2.6558, 1.3047, 3.0349

Previews

White Background



This preview shows how the XYZ color 57.3368, 33.4145, 69.0733 looks on a white background.

Color Contrast Check

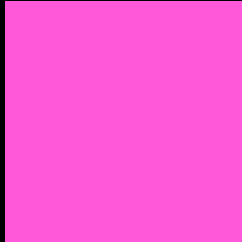
Large Text (above 18pt) WCAG AA × Fail

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 57.3368, 33.4145, 69.0733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

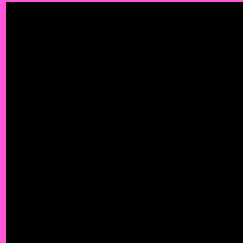
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3368, 33.4145, 69.0733

Background



This preview shows how black text looks on a background with the XYZ color 57.3368, 33.4145, 69.0733.



This preview shows how white text looks on a background with the XYZ color 57.3368, 33.4145,

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

57.3368, 33.4145, 69.0733

Protanopia

36.6437, 33.7155, 99.1841

Deuteranopia

34.3197, 33.5455, 63.6976



Tritanopia

47.7119, 33.2844, 22.6487

Trichromacy



Original Color

57.3368, 33.4145, 69.0733



Protanomaly

39.7962, 30.5316, 87.0148



Deuteranomaly

39.5077, 30.8588, 65.5021



Tritanomaly

50.3068, 32.8821, 35.5937

Monochromacy



Original Color

57.3368, 33.4145, 69.0733



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

37.0543, 30.0470, 44.9210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3368, 33.4145, 69.0733 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, 89, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 217)  
}
```

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, 89, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 217) }
```

Border

The CSS property to change the border of an element to XYZ 57.3368, 33.4145, 69.0733 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, 89, 217) }
```


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

```
.border{ border-color:rgb(255, 89, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 89, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3368, 33.4145, 69.0733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 217) }
```

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

```
.background{ background-color: rgb(255, 89,  
217) }
```

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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