

Converting Colors

XYZ(59.4408, 37.6340, 69.7722)

Have a look what the booklet for
XYZ(59.4408, 37.6340, 69.7722)
contains.

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Color

**XYZ(59.4488, 37.6386,
69.7773)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6FD9
RGB	255, 111, 217
RGB Percent	100%, 44%, 85%
CMY	0.0000, 0.5647, 0.1490
CMYK	0.00, 0.56, 0.15, 0.00
HSL	316°, 100%, 72%
HSV	316°, 56%, 100%
XYZ	59.4488, 37.6386, 69.7773
YIQ	166.1400, 51.7980, 63.4940

Conversions

Conversions Part 2

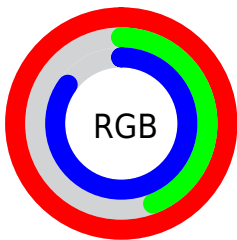
Format	Color
R _Y B	255, 111, 217
Decimal	16740313
CIE Lab	67.75, 66.59, -28.03
CIE LCh	68, 72.252, 337.175
Yxy	37.6386, 0.3563, 0.2256
Android (android.graphics.Color)	4294930393 (0xFFFF6FD9)
YUV	166.1400, 25.0740, 77.9302
Hunter-Lab	61.3503, 65.6045, -24.4888

Details

The XYZ color **59.4488, 37.6386, 69.7773** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.7418, 77.0701, 40.7963**, and the grayscale version is **36.1795, 38.0637, 41.4513**.

A 20% lighter version of the original color is **73.2926, 56.4853, 101.6475**, and **30.2111, 16.5784, 35.7901** is the 20% darker color. If you saturate the color by 10%, you get **56.1953, 32.5038, 64.4621**, and if you desaturate by 10%, it is **63.5337, 44.3787, 75.5465**.

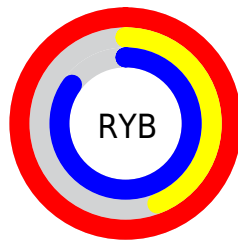
Distribution



Red (100%)

Green (44%)

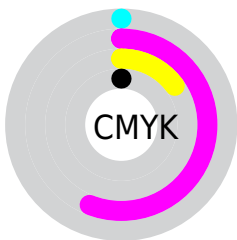
Blue (85%)



Red (100%)

Yellow (44%)

Blue (85%)

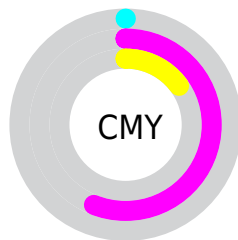


Cyan (0%)

Magenta (56%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (56%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4488, 37.6386, 69.7773 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 59.4488, 37.6386, 69.7773 by changing the saturation by 10% instead.


 59.4488, 37.6386,
69.7773


 59.4488, 37.6386,
69.7773


412.4304,
336.0671, 478.5357


 43.2223, 25.7023,
50.8693

 103.1406, 71.5539,
120.5692

 30.2548, 16.6011,
35.7286


 131.3365, 94.3016,
153.2903

 20.1811, 9.9505,
23.9366


 164.2530,
121.4220, 191.4528

 12.6358, 5.3661,
15.0749

202.2553,
153.2994, 235.4752

 7.2535, 2.4636,
8.7247

245.7089,
190.3183, 285.7762

 3.6689, 0.8583,
4.4677

294.9790,

 1.5166, 0.0000,

232.8629, 342.7743

1.8853

350.4311,
281.3177, 406.8879

■ 0.3371, 0.0000,
0.4833

■ 0.0000, 0.0000,
0.0000

■ 59.4488, 37.6386,
69.7773

■ 59.4488, 37.6386,
69.7773

■ 56.1953, 32.5038,
64.4621

■ 63.5337, 44.3787,
75.5465

■ 53.7004, 28.8302,
59.5735

■ 68.5092, 52.8422,
81.7904

■ 51.8832, 26.4559,
55.0827

■ 74.4318, 63.1417,
88.5301

■ 50.6411, 25.1769,
50.9533

■ 81.3528, 75.3788,
95.7847

■ 50.2854, 24.8782,
49.5626

■ 89.3195, 89.6477,
103.5719

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.



50.3864, 37.6386, 112.1371



59.4488, 37.6386, 69.7773



61.5981, 37.6386, 33.7690

Triad

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



59.4488, 37.6386, 69.7773



33.1581, 37.6386, 5.2331



21.2436, 37.6386, 90.5242

Complementary

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



59.4488, 37.6386, 69.7773



47.7418, 77.0701, 40.7963

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.



18.4145, 37.6386, 49.1553



59.4488, 37.6386, 69.7773



24.3016, 37.6386, 8.9106

Square

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



59.4488, 37.6386, 69.7773



44.7705, 37.6386, 6.4112



19.4041, 37.6386, 21.4506



28.0720, 37.6386, 127.8493

Rectangle

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



59.4488, 37.6386, 69.7773



58.4875, 37.6386, 18.8181



19.4041, 37.6386, 21.4506



19.8659, 37.6386, 75.9862

Sweetspot

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



59.4497, 37.6403, 69.7780



80.9585, 74.6771, 95.3853



35.7688, 24.7940, 97.5082



17.0156, 15.4281, 20.0966



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.



59.4497, 37.6403, 69.7780



55.7656, 31.8498, 63.6860



52.1921, 34.7372, 31.5601



18.5760, 18.2137, 21.6502



26.3401, 13.0253, 26.2392



2.6097, 1.2863, 2.7923

Inverse Universe

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



59.4497, 37.6403, 69.7780



55.7656, 31.8498, 63.6860



55.1029, 80.0145, 79.5592



18.5760, 18.2137, 21.6502



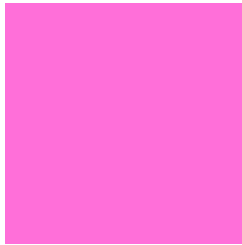
26.3401, 13.0253, 26.2392



2.6097, 1.2863, 2.7923

Previews

White Background



This preview shows how the XYZ color 59.4488, 37.6386, 69.7773 looks on a white background.

Color Contrast Check

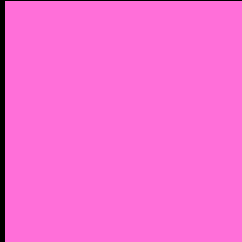
Large Text (above 18pt) WCAG AA × Fail

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 59.4488, 37.6386, 69.7773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

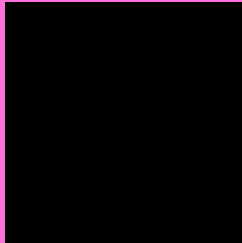
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4488, 37.6386, 69.7773

Background



This preview shows how black text looks on a background with the XYZ color 59.4488, 37.6386, 69.7773.



This preview shows how white text looks on a background with the XYZ color 59.4488, 37.6386,

69.7773.

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

59.4488, 37.6386, 69.7773

Protanopia

40.4861, 37.9662, 99.8021

Deuteranopia

38.7270, 37.8150, 65.5795



Tritanopia

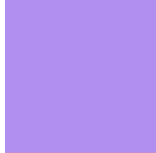
51.0006, 37.6035, 28.9963

Trichromacy



Original Color

59.4488, 37.6386, 69.7773



Protanomaly

43.8311, 35.3429, 87.7308



Deuteranomaly

43.9543, 35.8677, 66.8939



Tritanomaly

53.4824, 37.2799, 40.9361

Monochromacy



Original Color

59.4488, 37.6386, 69.7773



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

42.3245, 36.0663, 50.6297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4488, 37.6386, 69.7773 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, 111, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 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, 111, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 217) }
```

Border

The CSS property to change the border of an element to XYZ 59.4488, 37.6386, 69.7773 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, 111, 217) }
```


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

```
.border{ border-color:rgb(255, 111, 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, 111, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4488, 37.6386, 69.7773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 217) }
```

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

```
.background{ background-color: rgb(255,  
111, 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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