

Converting Colors

XYZ(59.3358, 35.0459, 77.0360)

Have a look what the booklet for XYZ(59.3358, 35.0459, 77.0360) contains.

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Color

**XYZ(59.3358, 35.0459,
77.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5FE4
RGB	255, 95, 228
RGB Percent	100%, 37%, 89%
CMY	0.0000, 0.6274, 0.1059
CMYK	0.00, 0.63, 0.11, 0.00
HSL	310°, 100%, 69%
HSV	310°, 63%, 100%
XYZ	59.3358, 35.0459, 77.0360
YIQ	158.0020, 52.6670, 75.2830

Conversions

Conversions Part 2

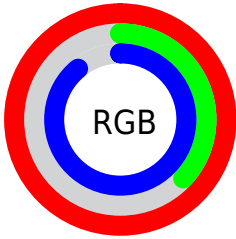
Format	Color
R _Y B	255, 95, 228
Decimal	16736228
CIE Lab	65.78, 74.81, -37.21
CIE LCh	66, 83.552, 333.557
Yxy	35.0459, 0.3461, 0.2044
Android (android.graphics.Color)	4294926308 (0xFFFF5FE4)
YUV	158.0020, 34.5090, 85.0672
Hunter-Lab	59.1996, 75.3115, -35.7140

Details

The XYZ color **59.3358, 35.0459, 77.0360** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **43.9935, 75.3587, 30.6418**, and the grayscale version is **32.3337, 34.0176, 37.0451**.

A 20% lighter version of the original color is **70.8456, 51.5912, 100.8319**, and **30.2390, 15.1545, 40.3611** is the 20% darker color. If you saturate the color by 10%, you get **56.8131, 30.9445, 73.2845**, and if you desaturate by 10%, it is **62.6265, 40.6590, 81.1176**.

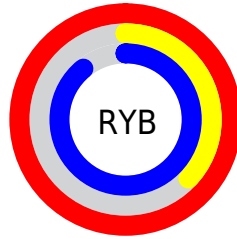
Distribution



Red (100%)

Green (37%)

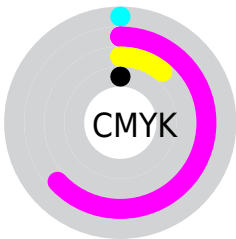
Blue (89%)



Red (100%)

Yellow (37%)

Blue (89%)

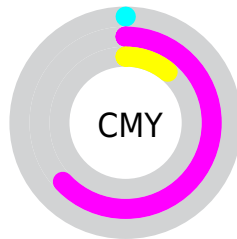


Cyan (0%)

Magenta (63%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (63%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3358, 35.0459, 77.0360 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 59.3358, 35.0459, 77.0360 by changing the saturation by 10% instead.


 59.3358, 35.0459,
77.0360

 59.3358, 35.0459,
77.0360


412.0193,
324.7709, 504.3277

 43.1309, 23.6982,
56.7707


 102.9774, 67.5569,
130.9638


 30.1828, 15.1099,
40.4130

 131.1448, 89.4890,
165.4633

 20.1261, 8.8966,
27.5445


 164.0304,
115.7180, 205.5447

 12.5956, 4.6738,
17.7465

 201.9996,
146.6283, 251.6264

 7.2257, 2.0572,
10.6006

245.4178,
182.6044, 304.1270

 3.6512, 0.6404,
5.6882

294.6502,

 1.5068, 0.0000,

224.0306, 363.4651

2.5907

350.0622,
271.2913, 430.0591

■ 0.3304, 0.0000,
0.8877

■ 0.0000, 0.0000,
0.0000

■ 59.3358, 35.0459,
77.0360

■ 59.3358, 35.0459,
77.0360

■ 56.8131, 30.9445,
73.2845

■ 62.6265, 40.6590,
81.1176

■ 54.9791, 28.1972,
69.8351

■ 66.7489, 47.9118,
85.5500

■ 53.7421, 26.6202,
66.6569

■ 71.7629, 56.9238,
90.3540

■ 53.1196, 26.0118,
64.4869

■ 77.7222, 67.8019,
95.5480

84.6761, 80.6449,
101.1489

92.6706, 95.5442,
107.1726

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.



48.1924, 35.0459, 127.1913



59.3358, 35.0459, 77.0360



62.9823, 35.0459, 34.1034

Triad

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



59.3358, 35.0459, 77.0360



31.8621, 35.0459, 2.6032



17.2144, 35.0459, 89.2758

Complementary

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



59.3358, 35.0459, 77.0360



43.9935, 75.3587, 30.6418

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.



14.8219, 35.0459, 42.5241



59.3358, 35.0459, 77.0360



21.8582, 35.0459, 4.9501

Square

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



59.3358, 35.0459, 77.0360



45.0094, 35.0459, 3.9481



16.2853, 35.0459, 15.2223



23.8371, 35.0459, 136.8150

Rectangle

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



59.3358, 35.0459, 77.0360



60.0797, 35.0459, 16.9625



16.2853, 35.0459, 15.2223



15.9744, 35.0459, 72.1955

Sweetspot

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



59.3366, 35.0474, 77.0367



80.2053, 72.3724, 97.5952



30.1229, 19.5197, 96.7878



16.7582, 14.7375, 20.5533



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.



59.3366, 35.0474, 77.0367



56.3416, 30.2116, 72.4801



50.7051, 31.5948, 31.5838



18.6533, 18.2446, 22.0574



27.8047, 13.6112, 33.9515



2.7405, 1.3386, 3.4811

Inverse Universe

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



59.3366, 35.0474, 77.0367



56.3416, 30.2116, 72.4801



51.1017, 78.2020, 68.0733



18.6533, 18.2446, 22.0574



27.8047, 13.6112, 33.9515



2.7405, 1.3386, 3.4811

Previews

White Background



This preview shows how the XYZ color 59.3358, 35.0459, 77.0360 looks on a white background.

Color Contrast Check

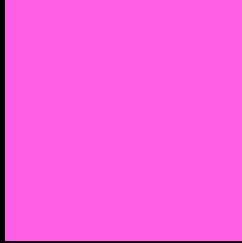
Large Text (above 18pt) WCAG AA × Fail

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 59.3358, 35.0459, 77.0360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

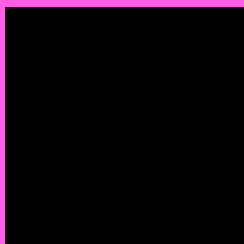
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3358, 35.0459, 77.0360

Background



This preview shows how black text looks on a background with the XYZ color 59.3358, 35.0459, 77.0360.



This preview shows how white text looks on a background with the XYZ color 59.3358, 35.0459,

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

59.3358, 35.0459, 77.0360

Protanopia

38.1330, 35.4715, 99.4446

Deuteranopia

36.2094, 35.3553, 71.2455



Tritanopia

48.6450, 34.9433, 25.2999

Trichromacy



Original Color

59.3358, 35.0459, 77.0360



Protanomaly

41.5841, 32.1888, 90.4075



Deuteranomaly

41.6160, 32.7922, 73.2434



Tritanomaly

51.7440, 34.4813, 40.0047

Monochromacy



Original Color

59.3358, 35.0459, 77.0360



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

39.2035, 32.0843, 48.9264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3358, 35.0459, 77.0360 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, 95, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 228)  
}
```

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, 95, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 228) }
```

Border

The CSS property to change the border of an element to XYZ 59.3358, 35.0459, 77.0360 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, 95, 228) }
```


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

```
.border{ border-color:rgb(255, 95, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 95, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3358, 35.0459, 77.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 228) }
```

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

```
.background{ background-color: rgb(255, 95,  
228) }
```

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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