

Converting Colors

XYZ(65.1389, 37.3616, 89.4748)

Have a look what the booklet for
XYZ(65.1389, 37.3616, 89.4748)
contains.

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Color

**XYZ(61.3963, 35.4459,
89.1938)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5CF4
RGB	255, 92, 244
RGB Percent	100%, 36%, 96%
CMY	0.0000, 0.6392, 0.0431
CMYK	0.00, 0.64, 0.04, 0.00
HSL	304°, 100%, 68%
HSV	304°, 64%, 100%
XYZ	61.3963, 35.4459, 89.1938
YIQ	158.0650, 48.3560, 81.8280

Conversions

Conversions Part 2

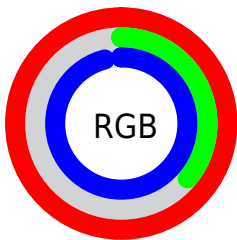
Format	Color
R _Y B	255, 92, 244
Decimal	16735476
CIE Lab	66.09, 78.36, -45.59
CIE LCh	66, 90.663, 329.809
Yxy	35.4459, 0.3300, 0.1905
Android (android.graphics.Color)	4294925556 (0xFFFF5CF4)
YUV	158.0650, 42.3660, 85.0120
Hunter-Lab	59.5365, 79.8873, -47.1490

Details

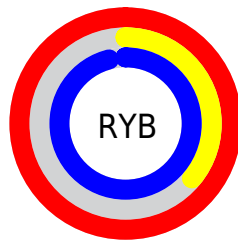
The XYZ color **61.3963, 35.4459, 89.1938** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **42.6229, 74.7751, 25.0203**, and the grayscale version is **32.3289, 34.0125, 37.0397**.

A 20% lighter version of the original color is **70.5182, 50.9365, 100.7227**, and **31.5730, 15.3853, 48.3193** is the 20% darker color. If you saturate the color by 10%, you get **59.2871, 31.6436, 87.2080**, and if you desaturate by 10%, it is **64.2524, 40.7379, 91.4415**.

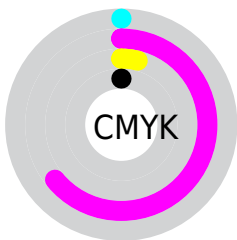
Distribution



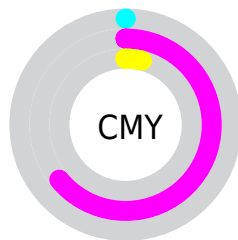
- Red (100%)
- Green (36%)
- Blue (96%)



- Red (100%)
- Yellow (36%)
- Blue (96%)



- Cyan (0%)
- Magenta (64%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3963, 35.4459, 89.1938 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 61.3963, 35.4459, 89.1938 by changing the saturation by 10% instead.


 61.3963, 35.4459,
89.1938


 61.3963, 35.4459,
89.1938


419.4783,
326.5322, 545.9071

 44.7988, 24.0066,
66.7422

 105.9474, 68.1760,
148.1438

 31.4996, 15.3385,
48.4149

 134.6318, 90.2355,
185.4792

 21.1333, 9.0573,
33.7932


 168.0758,
116.6038, 228.6131

 13.3345, 4.7786,
22.4587

 206.6448,
147.6654, 277.9639

 7.7378, 2.1179,
13.9928

250.7042,
183.8047, 333.9501

 3.9781, 0.6747,
7.9770

300.6194,

 1.6897, 0.0000,

225.4059, 396.9904

3.9927

356.7556,
272.8536, 467.5032

■ 0.4498, 0.0000,
1.6213

■ 0.0000, 0.0000,
0.3060

■ 61.3963, 35.4459,
89.1938

■ 61.3963, 35.4459,
89.1938

■ 59.2871, 31.6436,
87.2080

■ 64.2524, 40.7379,
91.4415

■ 57.8446, 29.1709,
85.4559

■ 67.9204, 47.6499,
93.9715

■ 56.9742, 27.8386,
83.9065

■ 72.4608, 56.3027,
96.8044

■ 56.6420, 27.4208,
83.0359

■ 77.9277, 66.8046,
99.9583

84.3708, 79.2548,
103.4497

91.8362, 93.7459,
107.2941

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.



48.2725, 35.4459, 145.3367



61.3963, 35.4459, 89.1938



66.7874, 35.4459, 38.8423

Triad

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



61.3963, 35.4459, 89.1938



33.7767, 35.4459, 1.7927



15.8459, 35.4459, 88.4473

Complementary

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



61.3963, 35.4459, 89.1938



42.6229, 74.7751, 25.0203

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.



13.8628, 35.4459, 38.3478



61.3963, 35.4459, 89.1938



22.3872, 35.4459, 3.3830

Square

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



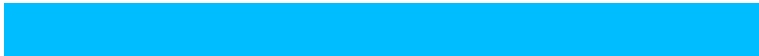
61.3963, 35.4459, 89.1938



48.4628, 35.4459, 3.4320



15.8982, 35.4459, 12.0224



22.2735, 35.4459, 144.7390

Rectangle

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



61.3963, 35.4459, 89.1938



64.3986, 35.4459, 18.5224



15.8982, 35.4459, 12.0224



14.7278, 35.4459, 69.5779

Sweetspot

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



61.3970, 35.4473, 89.1945



80.9719, 72.6791, 101.6324



27.4568, 17.7517, 96.5870



16.9462, 14.8127, 21.5430



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.



61.3970, 35.4473, 89.1945



58.7754, 30.7478, 86.6444



51.6462, 31.5469, 37.8474



18.7366, 18.2780, 22.4962



29.6192, 14.3370, 43.5069



2.8992, 1.4021, 4.3167

Inverse Universe

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



61.3970, 35.4473, 89.1945



58.7754, 30.7478, 86.6444



48.8649, 77.2719, 57.8905



18.7366, 18.2780, 22.4962



29.6192, 14.3370, 43.5069



2.8992, 1.4021, 4.3167

Previews

White Background



This preview shows how the XYZ color 61.3963, 35.4459, 89.1938 looks on a white background.

Color Contrast Check

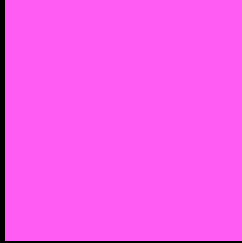
Large Text (above 18pt) WCAG AA × Fail

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 61.3963, 35.4459, 89.1938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

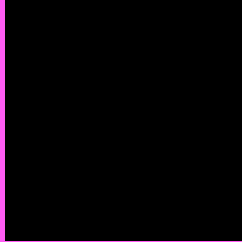
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3963, 35.4459, 89.1938

Background



This preview shows how black text looks on a background with the XYZ color 61.3963, 35.4459, 89.1938.



This preview shows how white text looks on a background with the XYZ color 61.3963, 35.4459,

89.1938.

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

61.3963, 35.4459, 89.1938

Protanopia

38.3029, 35.8113, 99.5012

Deuteranopia

36.4662, 35.5048, 82.0219



Tritanopia

48.4034, 35.1634, 26.4264

Trichromacy



Original Color

61.3963, 35.4459, 89.1938



Protanomaly

42.5152, 32.5613, 95.3109



Deuteranomaly

41.8545, 32.6725, 84.2212



Tritanomaly

51.6948, 34.3796, 43.4465

Monochromacy



Original Color

61.3963, 35.4459, 89.1938



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

39.7027, 32.0618, 52.2401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3963, 35.4459, 89.1938 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, 92, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 244)  
}
```

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, 92, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 244) }
```

Border

The CSS property to change the border of an element to XYZ 61.3963, 35.4459, 89.1938 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, 92, 244) }
```


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

```
.border{ border-color:rgb(255, 92, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3963, 35.4459, 89.1938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 244) }
```

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

```
.background{ background-color: rgb(255, 92,  
244) }
```

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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