

Converting Colors

XYZ(61.2976, 36.5683, 98.4354)

Have a look what the booklet for
XYZ(61.2976, 36.5683, 98.4354)
contains.

XYZ(61.1591, 36.4969, 98.4289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.1591, 36.4969,
98.4289)**

Conversions

Conversions Part 1

Format	Color
Hex	F766FF
RGB	247, 102, 255
RGB Percent	97%, 40%, 100%
CMY	0.0314, 0.6000, 0.0000
CMYK	0.03, 0.60, 0.00, 0.00
HSL	297°, 100%, 70%
HSV	297°, 60%, 100%
XYZ	61.1591, 36.4969, 98.4289
YIQ	162.7970, 37.3070, 78.3230

Conversions

Conversions Part 2

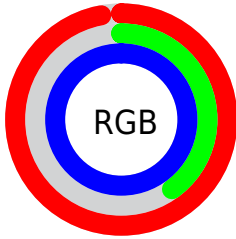
Format	Color
R _Y B	247, 102, 255
Decimal	16213759
CIE Lab	66.90, 74.34, -50.46
CIE LCh	67, 89.849, 325.836
Yxy	36.4969, 0.3119, 0.1861
Android (android.graphics.Color)	4294403839 (0xFFFF766FF)
YUV	162.7970, 45.4561, 73.8460
Hunter-Lab	60.4127, 74.9833, -54.3109

Details

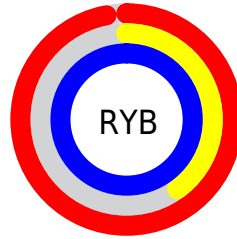
The XYZ color **61.1591, 36.4969, 98.4289** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **44.5896, 75.7948, 24.8518**, and the grayscale version is **34.4990, 36.2956, 39.5259**.

A 20% lighter version of the original color is **71.8608, 53.6216, 101.1703**, and **31.3174, 15.9038, 54.8452** is the 20% darker color. If you saturate the color by 10%, you get **58.5593, 31.9919, 97.6964**, and if you desaturate by 10%, it is **64.5352, 42.5476, 99.4189**.

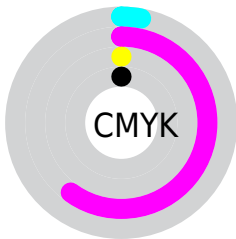
Distribution



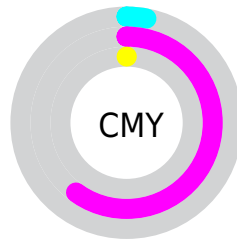
- Red (97%)
- Green (40%)
- Blue (100%)



- Red (97%)
- Yellow (40%)
- Blue (100%)



- Cyan (3%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1591, 36.4969, 98.4289 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 61.1591, 36.4969, 98.4289 by changing the saturation by 10% instead.


 61.1591, 36.4969,
98.4289


 61.1591, 36.4969,
98.4289


418.6237,
331.1272, 576.3473


 44.6066, 24.8182,
74.3795


 105.6061, 69.7983,
161.0295


 31.3476, 15.9417,
54.6061


 134.2313, 92.1899,
200.4177

 21.0168, 9.4829,
38.6899


 167.6114,
118.9211, 245.7560

 13.2488, 5.0575,
26.2126

 206.1118,
150.3765, 297.4630

 7.6783, 2.2810,
16.7556

250.0979,
186.9404, 355.9570

 3.9399, 0.7636,
9.9003

299.9350,

 1.6682, 0.0000,

228.9972, 421.6567

5.2281

355.9885,
276.9314, 494.9807

■ 0.4362, 0.0000,
2.3207

■ 0.0000, 0.0000,
0.7428

■ 61.1591, 36.4969,
98.4289

■ 61.1591, 36.4969,
98.4289

■ 58.5593, 31.9919,
97.6964

■ 64.5352, 42.5476,
99.4189

■ 56.6588, 28.8814,
97.1962

■ 68.7477, 50.2673,
100.6869

■ 55.3715, 26.9922,
96.8994

■ 73.8554, 59.7722,
102.2523

■ 54.5546, 26.0389,
96.7584

■ 79.9104, 71.1667,
104.1326

■ 54.5544, 26.0387,
96.7584

■ 86.9610, 84.5475,
106.3437

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.



47.3886, 36.4969, 152.5531



61.1591, 36.4969, 98.4289



67.8807, 36.4969, 45.4324

Triad

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



61.1591, 36.4969, 98.4289



36.6241, 36.4969, 2.0627



16.0650, 36.4969, 82.1641

Complementary

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



61.1591, 36.4969, 98.4289



44.5896, 75.7948, 24.8518

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.



14.5884, 36.4969, 34.5422



61.1591, 36.4969, 98.4289



24.4892, 36.4969, 3.2531

Square

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



61.1591, 36.4969, 98.4289



51.5568, 36.4969, 4.3906



17.2294, 36.4969, 10.7622



21.9716, 36.4969, 139.5975

Rectangle

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



61.1591, 36.4969, 98.4289



66.4452, 36.4969, 22.5954



17.2294, 36.4969, 10.7622



15.1133, 36.4969, 63.8992

Sweetspot

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



61.1604, 36.4985, 98.4291



81.2377, 73.6777, 104.5473



29.3472, 21.6790, 97.2455



16.9772, 14.9927, 22.2490



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.



61.1604, 36.4985, 98.4291



58.1252, 31.2623, 97.5784



55.1451, 34.4253, 51.7134



18.6933, 18.2491, 22.7871



28.5466, 13.6268, 50.5602



2.8071, 1.3410, 4.9242

Inverse Universe

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



48.8068, 31.8899, 18.3362



45.0039, 26.4116, 10.5102



48.3365, 77.1837, 49.5446



18.0479, 18.0025, 18.8692



21.6036, 11.1307, 1.2969



2.1164, 1.0889, 0.1943

Previews

White Background



This preview shows how the XYZ color 61.1591, 36.4969, 98.4289 looks on a white background.

Color Contrast Check

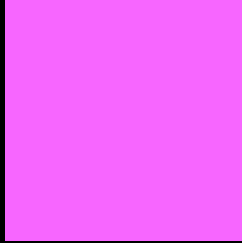
Large Text (above 18pt) WCAG AA × Fail

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 61.1591, 36.4969, 98.4289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

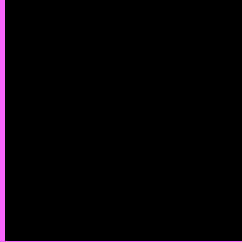
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1591, 36.4969, 98.4289

Background



This preview shows how black text looks on a background with the XYZ color 61.1591, 36.4969, 98.4289.



This preview shows how white text looks on a background with the XYZ color 61.1591, 36.4969,

98.4289.

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

61.1591, 36.4969, 98.4289

Protanopia

39.2250, 36.7972, 99.6429

Deuteranopia

37.8592, 36.7932, 91.4926



Tritanopia

46.9497, 36.0819, 30.4766

Trichromacy



Original Color

61.1591, 36.4969, 98.4289



Protanomaly

43.8602, 34.2313, 98.9034



Deuteranomaly

42.8392, 34.0307, 93.9333

Tritanomaly

50.8712, 35.5569, 49.5294

Monochromacy



Original Color

61.1591, 36.4969, 98.4289



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

41.7368, 34.5046, 56.6848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1591, 36.4969, 98.4289 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(247, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 102, 255)  
}
```

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(247, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 102, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1591, 36.4969, 98.4289 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(247, 102, 255) }
```


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

```
.border{ border-color:rgb(247, 102, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 102, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 102,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1591, 36.4969, 98.4289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 102, 255) }
```

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

```
.background{ background-color: rgb(247,  
102, 255) }
```

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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