

Converting Colors

XYZ(61.5122, 33.5185, 97.8354)

Have a look what the booklet for
XYZ(61.5122, 33.5185, 97.8354)
contains.

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Color

**XYZ(61.5769, 33.5986,
97.8475)**

Conversions

Conversions Part 1

Format	Color
Hex	FE4DFF
RGB	254, 77, 255
RGB Percent	100%, 30%, 100%
CMY	0.0039, 0.6980, 0.0000
CMYK	0.00, 0.70, 0.00, 0.00
HSL	300°, 100%, 65%
HSV	300°, 70%, 100%
XYZ	61.5769, 33.5986, 97.8475
YIQ	150.2150, 48.3540, 92.8820

Conversions

Conversions Part 2

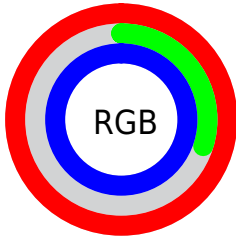
Format	Color
R_{YB}	254, 77, 255
Decimal	16666111
CIE _{Lab}	64.64, 85.05, -53.96
CIE _{LCh}	65, 100.720, 327.605
Yxy	33.5986, 0.3190, 0.1741
Android (android.graphics.Color)	4294856191 (0xFFFE4DFF)
YUV	150.2150, 51.6590, 91.0194
Hunter-Lab	57.9643, 88.1874, -59.5104

Details

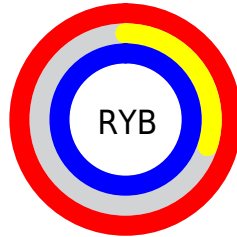
The XYZ color **61.5769, 33.5986, 97.8475** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **40.2423, 73.6760, 19.1227**, and the grayscale version is **28.8559, 30.3586, 33.0605**.

A 20% lighter version of the original color is **68.6681, 47.2362, 100.1060**, and **32.0704, 15.3687, 54.0995** is the 20% darker color. If you saturate the color by 10%, you get **60.0775, 30.6765, 97.3625**, and if you desaturate by 10%, it is **63.7775, 37.9212, 98.5658**.

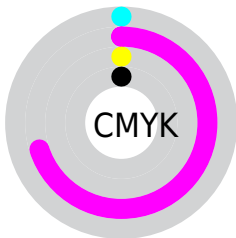
Distribution



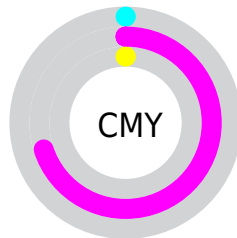
- Red (100%)
- Green (30%)
- Blue (100%)



- Red (100%)
- Yellow (30%)
- Blue (100%)



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5769, 33.5986, 97.8475 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 61.5769, 33.5986, 97.8475 by changing the saturation by 10% instead.


 61.5769, 33.5986,
97.8475

 61.5769, 33.5986,
97.8475


420.1283,
318.3385, 574.4569

 44.9452, 22.5854,
73.8973


 106.2072, 65.3090,
160.2220

 31.6154, 14.2877,
54.2137


 134.9365, 86.7749,
199.4833

 21.2220, 8.3210,
38.3782


 168.4291,
112.4939, 244.6855

 13.3998, 4.3010,
25.9722

 207.0503,
142.8504, 296.2469

 7.7833, 1.8433,
16.5773

251.1654,
178.2287, 354.5863

 4.0072, 0.5140,
9.7748

301.1399,

 1.7062, 0.0000,

219.0132, 420.1220

5.1463

357.3391,
265.5883, 493.2727

■ 0.4602, 0.0000,
2.2731

■ 0.0000, 0.0000,
0.7161

■ 61.5769, 33.5986,
97.8475

■ 61.5769, 33.5986,
97.8475

■ 60.0775, 30.6765,
97.3625

■ 63.7775, 37.9212,
98.5658

■ 59.1886, 28.9764,
97.0812

■ 66.7487, 43.7858,
99.5412

■ 58.7722, 28.2213,
96.9574

■ 70.5555, 51.3215,
100.7951

■ 58.7657, 28.2097,
96.9555

■ 75.2552, 60.6429,
102.3466

■ 80.8999, 71.8543,
104.2131

■ 87.5377, 85.0519,
106.4107

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.



46.6019, 33.5986, 161.9403



61.5769, 33.5986, 97.8475



68.4750, 33.5986, 40.0078

Triad

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



61.5769, 33.5986, 97.8475



33.1089, 33.5986, 0.7565



13.1104, 33.5986, 87.1711

Complementary

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



61.5769, 33.5986, 97.8475



40.2423, 73.6760, 19.1227

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.



11.4535, 33.5986, 33.3598



61.5769, 33.5986, 97.8475



20.7212, 33.5986, 1.6793

Square

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



61.5769, 33.5986, 97.8475



49.2356, 33.5986, 2.1424



13.7619, 33.5986, 8.3812



19.2511, 33.5986, 153.1458

Rectangle

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



61.5769, 33.5986, 97.8475



66.3753, 33.5986, 17.4213



13.7619, 33.5986, 8.3812



12.1097, 33.5986, 66.2812

Sweetspot

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



61.5781, 33.6001, 97.8477



80.1713, 70.4065, 103.9721



23.9781, 14.5318, 96.1489



16.8125, 14.3796, 22.1394



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.



61.5781, 33.6001, 97.8477



59.6353, 29.8249, 97.2214



51.0532, 29.4325, 40.5120



18.7821, 18.2949, 22.7913



30.7110, 14.7426, 50.6615



2.9934, 1.4371, 4.9329

Inverse Universe

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



45.2699, 27.1191, 10.0576



42.4440, 22.9993, 4.3929



45.4355, 75.7438, 46.8934



18.0136, 17.9887, 18.6886



21.5547, 11.1112, 1.0394



2.1001, 1.0824, 0.1085

Previews

White Background



This preview shows how the XYZ color 61.5769, 33.5986, 97.8475 looks on a white background.

Color Contrast Check

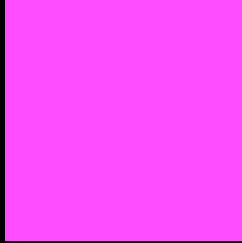
Large Text (above 18pt) WCAG AA × Fail

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 61.5769, 33.5986, 97.8475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

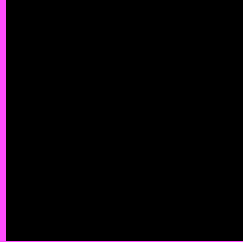
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5769, 33.5986, 97.8475

Background



This preview shows how black text looks on a background with the XYZ color 61.5769, 33.5986, 97.8475.



This preview shows how white text looks on a background with the XYZ color 61.5769, 33.5986,

97.8475.

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

61.5769, 33.5986, 97.8475

Protanopia

36.6758, 33.9760, 99.2327

Deuteranopia

35.0447, 34.0957, 89.5281



Tritanopia

46.0897, 33.1029, 24.3824

Trichromacy



Original Color

61.5769, 33.5986, 97.8475



Protanomaly

41.2367, 30.2487, 98.2729



Deuteranomaly

39.8175, 30.0463, 91.6966

Tritanomaly

49.8985, 32.1897, 43.6277

Monochromacy



Original Color

61.5769, 33.5986, 97.8475



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

36.8991, 28.4881, 51.1309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5769, 33.5986, 97.8475 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(254, 77, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 77, 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(254, 77, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 77, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.5769, 33.5986, 97.8475 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(254, 77, 255) }
```


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

```
.border{ border-color:rgb(254, 77, 255) }
```

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

Here you see how a box with a 4 pixel rgb(254, 77, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 77, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 77, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 77,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5769, 33.5986, 97.8475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 77, 255) }
```

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

```
.background{ background-color: rgb(254, 77,  
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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