

Converting Colors

XYZ(61.5828, 37.0938, 98.5218)

Have a look what the booklet for
XYZ(61.5828, 37.0938, 98.5218)
contains.

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Color

**XYZ(61.4593, 37.0973,
98.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	F769FF
RGB	247, 105, 255
RGB Percent	97%, 41%, 100%
CMY	0.0314, 0.5882, 0.0000
CMYK	0.03, 0.59, 0.00, 0.00
HSL	297°, 100%, 71%
HSV	297°, 59%, 100%
XYZ	61.4593, 37.0973, 98.5290
YIQ	164.5580, 36.4820, 76.7540

Conversions

Conversions Part 2

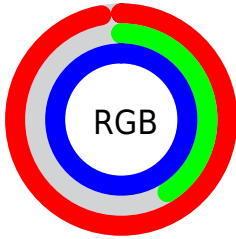
Format	Color
RYB	247, 105, 255
Decimal	16214527
CIELab	67.35, 73.10, -49.74
CIElCh	67, 88.419, 325.767
Yxy	37.0973, 0.3118, 0.1882
Android (android.graphics.Color)	4294404607 (0xFFFF769FF)
YUV	164.5580, 44.5879, 72.3016
Hunter-Lab	60.9076, 73.5288, -53.2770

Details

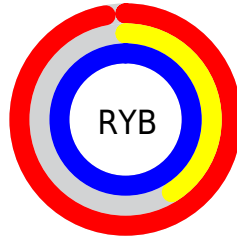
The XYZ color **61.4593, 37.0973, 98.5290** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **45.1208, 76.0511, 25.6675**, and the grayscale version is **35.3358, 37.1760, 40.4846**.

A 20% lighter version of the original color is **72.3872, 54.6744, 101.3457**, and **31.4795, 16.2279, 54.8992** is the 20% darker color. If you saturate the color by 10%, you get **58.7632, 32.4134, 97.7670**, and if you desaturate by 10%, it is **64.9398, 43.3429, 99.5511**.

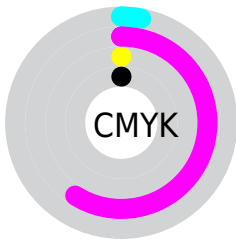
Distribution



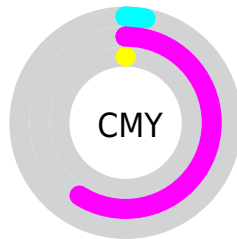
- Red (97%)
- Green (41%)
- Blue (100%)



- Red (97%)
- Yellow (41%)
- Blue (100%)



- Cyan (3%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4593, 37.0973, 98.5290 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 61.4593, 37.0973, 98.5290 by changing the saturation by 10% instead.


 61.4593, 37.0973,
98.5290


 61.4593, 37.0973,
98.5290


419.7051,
333.7316, 576.6725


 44.8499, 25.2828,
74.4626


 106.0380, 70.7224,
161.1684


 31.5400, 16.2879,
54.6737


 134.7381, 93.3018,
200.5785

 21.1642, 9.7281,
38.7437


 168.1990,
120.2384, 245.9403

 13.3572, 5.2191,
26.2541

 206.7863,
151.9164, 297.6722

 7.7537, 2.3764,
16.7863

250.8651,
188.7204, 356.1928

 3.9882, 0.8137,
9.9219

300.8010,

 1.6955, 0.0000,

231.0346, 421.9207

5.2423

356.9592,
279.2436, 495.2744

■ 0.4534, 0.0000,
2.3289

■ 0.0000, 0.0000,
0.7473

■ 61.4593, 37.0973,
98.5290

■ 61.4593, 37.0973,
98.5290

■ 58.7632, 32.4134,
97.7670

■ 64.9398, 43.3429,
99.5511

■ 56.7756, 29.1425,
97.2404

■ 69.2640, 51.2716,
100.8535

■ 55.4127, 27.1156,
96.9210

■ 74.4899, 60.9983,
102.4556

■ 54.5506, 26.0852,
96.7675

■ 80.6691, 72.6266,
104.3744

■ 54.4631, 25.9916,
96.7541

■ 87.8495, 86.2520,
106.6259

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.



47.8306, 37.0973, 151.6130



61.4593, 37.0973, 98.5290



68.1155, 37.0973, 46.1502

Triad

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



61.4593, 37.0973, 98.5290



37.2168, 37.0973, 2.3304



16.6274, 37.0973, 82.2446

Complementary

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



61.4593, 37.0973, 98.5290



45.1208, 76.0511, 25.6675

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.



15.1484, 37.0973, 35.1350



61.4593, 37.0973, 98.5290



25.1106, 37.0973, 3.5812

Square

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



61.4593, 37.0973, 98.5290



52.0266, 37.0973, 4.7907



17.8191, 37.0973, 11.2921



22.5486, 37.0973, 138.7048

Rectangle

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



61.4593, 37.0973, 98.5290



66.7162, 37.0973, 23.3321



17.8191, 37.0973, 11.2921



15.6715, 37.0973, 64.2269

Sweetspot

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



61.4606, 37.0989, 98.5292



81.2202, 73.6687, 104.5465



30.0079, 22.4865, 97.3665



16.9728, 14.9905, 22.2488



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.



61.4606, 37.0989, 98.5292



58.2723, 31.5856, 97.6331



55.5868, 35.0823, 52.5586



18.6913, 18.2481, 22.7871



28.4997, 13.6026, 50.5580



2.8030, 1.3389, 4.9240

Inverse Universe

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



49.2731, 32.5568, 19.3113



45.2702, 26.7848, 11.0905



48.8425, 77.4261, 50.4025



18.0486, 18.0028, 18.8733



21.6047, 11.1312, 1.3027



2.1168, 1.0891, 0.1963

Previews

White Background



This preview shows how the XYZ color 61.4593, 37.0973, 98.5290 looks on a white background.

Color Contrast Check

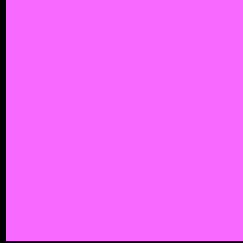
Large Text (above 18pt) WCAG AA × Fail

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 61.4593, 37.0973, 98.5290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

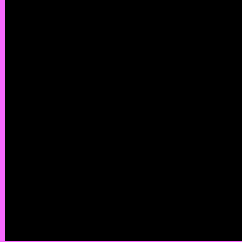
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4593, 37.0973, 98.5290

Background



This preview shows how black text looks on a background with the XYZ color 61.4593, 37.0973, 98.5290.



This preview shows how white text looks on a background with the XYZ color 61.4593, 37.0973,

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

61.4593, 37.0973, 98.5290

Protanopia

39.6970, 37.2989, 99.7149

Deuteranopia

38.4807, 37.3762, 91.5724



Tritanopia

47.3791, 36.6959, 31.3739

Trichromacy



Original Color

61.4593, 37.0973, 98.5290



Protanomaly

44.3695, 34.9277, 99.0109



Deuteranomaly

43.5665, 34.8435, 94.0518

Tritanomaly

51.2245, 36.0952, 50.1662

Monochromacy



Original Color

61.4593, 37.0973, 98.5290



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

42.5212, 35.3242, 58.0032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4593, 37.0973, 98.5290 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, 105, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 105, 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, 105, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 105, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.4593, 37.0973, 98.5290 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, 105, 255) }
```


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

```
.border{ border-color:rgb(247, 105, 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, 105, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 105, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 105, 255); box-shadow:4px 4px 4px 4px rgb(247, 105, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4593, 37.0973, 98.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 105, 255) }
```

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

```
.background{ background-color: rgb(247,  
105, 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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