

Converting Colors

XYZ(61.8020, 34.5760, 94.5126)

Have a look what the booklet for
XYZ(61.8020, 34.5760, 94.5126)
contains.

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Color

**XYZ(61.8229, 34.5657,
94.6802)**

Conversions

Conversions Part 1

Format	Color
Hex	FF54FB
RGB	255, 84, 251
RGB Percent	100%, 33%, 98%
CMY	0.0000, 0.6706, 0.0157
CMYK	0.00, 0.67, 0.02, 0.00
HSL	301°, 100%, 66%
HSV	301°, 67%, 100%
XYZ	61.8229, 34.5657, 94.6802
YIQ	154.1670, 48.3090, 88.1890

Conversions

Conversions Part 2

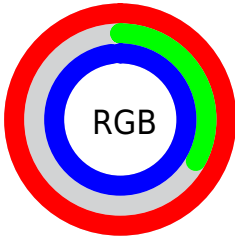
Format	Color
R _Y B	255, 84, 251
Decimal	16733435
CIE Lab	65.41, 82.32, -50.54
CIE LCh	65, 96.591, 328.454
Yxy	34.5657, 0.3236, 0.1809
Android (android.graphics.Color)	4294923515 (0xFFFF54FB)
YUV	154.1670, 47.7387, 88.4305
Hunter-Lab	58.7926, 84.8132, -54.3264

Details

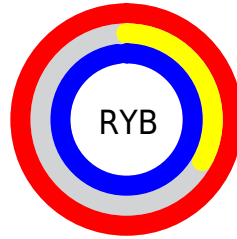
The XYZ color **61.8229, 34.5657, 94.6802** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **41.1787, 74.1099, 21.3685**, and the grayscale version is **30.5724, 32.1645, 35.0271**.

A 20% lighter version of the original color is **69.5689, 49.0378, 100.4063**, and **31.9857, 15.3644, 52.3187** is the 20% darker color. If you saturate the color by 10%, you get **60.0976, 31.2651, 93.6423**, and if you desaturate by 10%, it is **64.2699, 39.3088, 95.9609**.

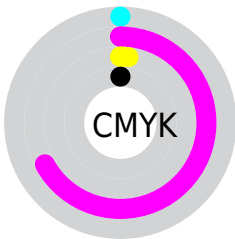
Distribution



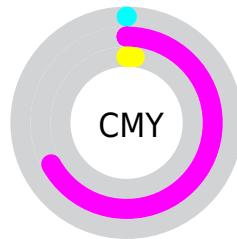
- Red (100%)
- Green (33%)
- Blue (98%)



- Red (100%)
- Yellow (33%)
- Blue (98%)



- Cyan (0%)
- Magenta (67%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8229, 34.5657, 94.6802 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 61.8229, 34.5657, 94.6802 by changing the saturation by 10% instead.


 61.8229, 34.5657,
94.6802


 61.8229, 34.5657,
94.6802


421.0127,
322.6472, 564.0988


 45.1447, 23.3285,
71.2734


 106.5609, 66.8124,
155.8145

 31.7732, 14.8363,
52.0822


 135.3514, 88.5907,
194.3791

 21.3430, 8.7046,
36.6879


 168.9100,
114.6516, 238.8333

 13.4888, 4.5490,
24.6720

 207.6022,
145.3793, 289.5958

 7.8453, 1.9852,
15.6161

251.7931,
181.1584, 347.0851

 4.0471, 0.5988,
9.1015

301.8483,

 1.7288, 0.0000,

222.3731, 411.7196

4.7097

358.1330,
269.4079, 483.9180

■ 0.4742, 0.0000,
2.0222

■ 0.0000, 0.0000,
0.5689

■ 61.8229, 34.5657,
94.6802

■ 61.8229, 34.5657,
94.6802

■ 60.0976, 31.2651,
93.6423

■ 64.2699, 39.3088,
95.9609

■ 59.0093, 29.2382,
92.8179

■ 67.5065, 45.6308,
97.5059

■ 58.4534, 28.2757,
92.1723

■ 71.5953, 53.6567,
99.3364

■ 58.3444, 28.1018,
92.0008

■ 76.5919, 63.4978,
101.4710

82.5474, 75.2562,
103.9266

89.5089, 89.0261,
106.7191

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.



47.5495, 34.5657, 155.6183



61.8229, 34.5657, 94.6802



68.1215, 34.5657, 39.7719

Triad

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



61.8229, 34.5657, 94.6802



33.5912, 34.5657, 1.1440



14.3076, 34.5657, 88.1210

Complementary

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



61.8229, 34.5657, 94.6802



41.1787, 74.1099, 21.3685

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.



12.5112, 34.5657, 35.5783



61.8229, 34.5657, 94.6802



21.5485, 34.5657, 2.3189

Square

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



61.8229, 34.5657, 94.6802



49.1903, 34.5657, 2.6615



14.7323, 34.5657, 9.8643



20.6054, 34.5657, 150.2796

Rectangle

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



61.8229, 34.5657, 94.6802



65.8939, 34.5657, 18.0096



14.7323, 34.5657, 9.8643



13.2532, 34.5657, 67.9780

Sweetspot

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



61.8236, 34.5670, 94.6809



80.6914, 71.5891, 103.1693



25.1382, 15.5814, 96.2903



16.9092, 14.6081, 21.9335



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.



61.8236, 34.5670, 94.6809



59.7150, 30.5441, 93.3787



51.3541, 30.3792, 39.5490



18.7733, 18.2926, 22.6891



30.4945, 14.6871, 48.1161



2.9748, 1.4323, 4.7144

Inverse Universe

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



61.8236, 34.5670, 94.6809



59.7150, 30.5441, 93.3787



46.8973, 76.3974, 51.4826



18.7733, 18.2926, 22.6891



30.4945, 14.6871, 48.1161



2.9748, 1.4323, 4.7144

Previews

White Background



This preview shows how the XYZ color 61.8229, 34.5657, 94.6802 looks on a white background.

Color Contrast Check

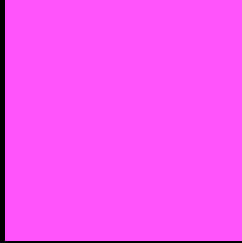
Large Text (above 18pt) WCAG AA × Fail

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 61.8229, 34.5657, 94.6802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

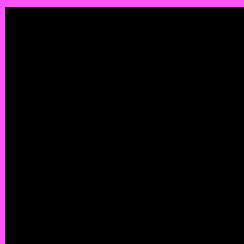
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8229, 34.5657, 94.6802

Background



This preview shows how black text looks on a background with the XYZ color 61.8229, 34.5657, 94.6802.



This preview shows how white text looks on a background with the XYZ color 61.8229, 34.5657,

94.6802.

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

61.8229, 34.5657, 94.6802

Protanopia

37.5462, 34.9189, 99.3689

Deuteranopia

35.6920, 34.7507, 86.4877



Tritanopia

47.3319, 34.2585, 25.5906

Trichromacy



Original Color

61.8229, 34.5657, 94.6802



Protanomaly

42.0205, 31.4459, 97.6209



Deuteranomaly

40.8715, 31.2497, 88.6717



Tritanomaly

51.1065, 33.4131, 44.3132

Monochromacy



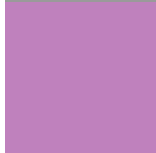
Original Color

61.8229, 34.5657, 94.6802



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

38.5214, 30.4510, 51.9914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8229, 34.5657, 94.6802 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, 84, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 251)  
}
```

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, 84, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 251) }
```

Border

The CSS property to change the border of an element to XYZ 61.8229, 34.5657, 94.6802 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, 84, 251) }
```


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

```
.border{ border-color:rgb(255, 84, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 84, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8229, 34.5657, 94.6802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 251) }
```

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

```
.background{ background-color: rgb(255, 84,  
251) }
```

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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