

Converting Colors

XYZ(61.6148, 34.1895, 94.4876)

Have a look what the booklet for
XYZ(61.6148, 34.1895, 94.4876)
contains.

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Color

**XYZ(61.6699, 34.2596,
94.6292)**

Conversions

Conversions Part 1

Format	Color
Hex	FF52FB
RGB	255, 82, 251
RGB Percent	100%, 32%, 98%
CMY	0.0000, 0.6784, 0.0157
CMYK	0.00, 0.68, 0.02, 0.00
HSL	301°, 100%, 66%
HSV	301°, 68%, 100%
XYZ	61.6699, 34.2596, 94.6292
YIQ	152.9930, 48.8590, 89.2350

Conversions

Conversions Part 2

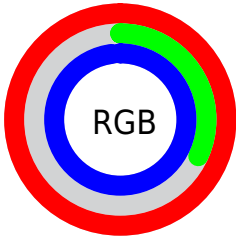
Format	Color
R _Y B	255, 82, 251
Decimal	16732923
CIE _{Lab}	65.17, 83.00, -50.92
CIE _{LCh}	65, 97.371, 328.472
Yxy	34.2596, 0.3236, 0.1798
Android (android.graphics.Color)	4294923003 (0xFFFF52FB)
YUV	152.9930, 48.3175, 89.4601
Hunter-Lab	58.5317, 85.6399, -54.8830

Details

The XYZ color **61.6699, 34.2596, 94.6292** 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 **40.9204, 73.9862, 20.9297**, and the grayscale version is **30.0585, 31.6239, 34.4384**.

A 20% lighter version of the original color is **69.2633, 48.4265, 100.3044**, and **31.9857, 15.3644, 52.3187** is the 20% darker color. If you saturate the color by 10%, you get **59.9988, 31.0658, 93.6148**, and if you desaturate by 10%, it is **64.0566, 38.8839, 95.8845**.

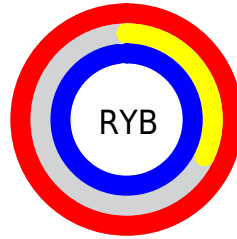
Distribution



Red (100%)

Green (32%)

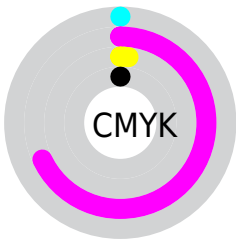
Blue (98%)



Red (100%)

Yellow (32%)

Blue (98%)

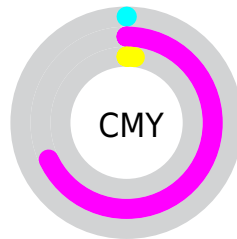


Cyan (0%)

Magenta (68%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6699, 34.2596, 94.6292 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 61.6699, 34.2596, 94.6292 by changing the saturation by 10% instead.


 61.6699, 34.2596,
94.6292

 61.6699, 34.2596,
94.6292


420.4627,
321.2881, 563.9312


 45.0206, 23.0931,
71.2312


 106.3409, 66.3372,
155.7434


 31.6750, 14.6623,
52.0479


 135.0934, 88.0170,
194.2967

 21.2677, 8.5827,
36.6608


 168.6110,
113.9701, 238.7388

 13.4334, 4.4700,
24.6512

 207.2590,
144.5809, 289.4884

 7.8067, 1.9398,
15.6007

251.4028,
180.2336, 346.9638

 4.0223, 0.5721,
9.0908

301.4078,

 1.7148, 0.0000,

221.3128, 411.5838

4.7028

357.6393,
268.2028, 483.7667

■ 0.4655, 0.0000,
2.0183

■ 0.0000, 0.0000,
0.5665

■ 61.6699, 34.2596,
94.6292

■ 61.6699, 34.2596,
94.6292

■ 59.9988, 31.0658,
93.6148

■ 64.0566, 38.8839,
95.8845

■ 58.9575, 29.1313,
92.8113

■ 67.2278, 45.0769,
97.4022

■ 58.4349, 28.2336,
92.1821

■ 71.2466, 52.9645,
99.2039

■ 58.3552, 28.1061,
92.0575

■ 76.1690, 62.6590,
101.3083

82.0464, 74.2630,
103.7324

88.9263, 87.8715,
106.4921

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.



47.3200, 34.2596, 156.1478



61.6699, 34.2596, 94.6292



68.0036, 34.2596, 39.4174

Triad

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



61.6699, 34.2596, 94.6292



33.2929, 34.2596, 1.0528



14.0334, 34.2596, 88.0980

Complementary

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



61.6699, 34.2596, 94.6292



40.9204, 73.9862, 20.9297

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.



12.2446, 34.2596, 35.2654



61.6699, 34.2596, 94.6292



21.2450, 34.2596, 2.1852

Square

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



61.6699, 34.2596, 94.6292



48.9489, 34.2596, 2.5135



14.4511, 34.2596, 9.6041



20.3145, 34.2596, 150.8181

Rectangle

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



61.6699, 34.2596, 94.6292



65.7559, 34.2596, 17.6710



14.4511, 34.2596, 9.6041



12.9838, 34.2596, 67.8125

Sweetspot

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



61.6706, 34.2609, 94.6299



80.6936, 71.5900, 103.1809



24.8043, 15.1820, 96.2308



16.9098, 14.6083, 21.9363



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.



61.6706, 34.2609, 94.6299



59.6060, 30.3271, 93.3395



51.1061, 30.0351, 38.9980



18.7735, 18.2927, 22.6902



30.5001, 14.6893, 48.1453



2.9752, 1.4325, 4.7169

Inverse Universe

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



61.6706, 34.2609, 94.6299



59.6060, 30.3271, 93.3395



46.6280, 76.2693, 50.9857



18.7735, 18.2927, 22.6902



30.5001, 14.6893, 48.1453



2.9752, 1.4325, 4.7169

Previews

White Background



This preview shows how the XYZ color 61.6699, 34.2596, 94.6292 looks on a white background.

Color Contrast Check

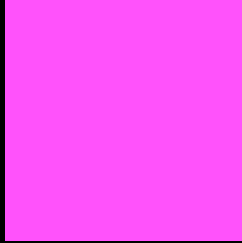
Large Text (above 18pt) WCAG AA × Fail

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 61.6699, 34.2596, 94.6292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

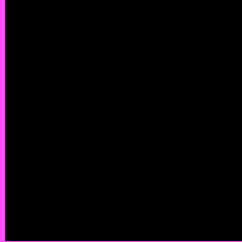
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6699, 34.2596, 94.6292

Background



This preview shows how black text looks on a background with the XYZ color 61.6699, 34.2596, 94.6292.



This preview shows how white text looks on a background with the XYZ color 61.6699, 34.2596,

94.6292.

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

61.6699, 34.2596, 94.6292

Protanopia

37.1075, 34.4446, 99.3004

Deuteranopia

35.5526, 34.6788, 86.4812



Tritanopia

47.0754, 33.9605, 24.8428

Trichromacy



Original Color

61.6699, 34.2596, 94.6292



Protanomaly

41.5449, 30.8096, 97.5231



Deuteranomaly

40.5225, 30.8713, 88.6170



Tritanomaly

50.8066, 33.1254, 43.2512

Monochromacy



Original Color

61.6699, 34.2596, 94.6292



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

38.0099, 29.8000, 51.8928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6699, 34.2596, 94.6292 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, 82, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 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, 82, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 251) }
```

Border

The CSS property to change the border of an element to XYZ 61.6699, 34.2596, 94.6292 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, 82, 251) }
```


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

```
.border{ border-color:rgb(255, 82, 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, 82, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6699, 34.2596, 94.6292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 251) }
```

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

```
.background{ background-color: rgb(255, 82,  
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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