

Converting Colors

XYZ(61.0373, 34.2701, 90.4859)

Have a look what the booklet for XYZ(61.0373, 34.2701, 90.4859) contains.

XYZ(61.0449, 34.2545, 90.5831) 3

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Color

**XYZ(61.0449, 34.2545,
90.5831)**

Conversions

Conversions Part 1

Format	Color
Hex	FF54F6
RGB	255, 84, 246
RGB Percent	100%, 33%, 96%
CMY	0.0000, 0.6706, 0.0353
CMYK	0.00, 0.67, 0.04, 0.00
HSL	303°, 100%, 66%
HSV	303°, 67%, 100%
XYZ	61.0449, 34.2545, 90.5831
YIQ	153.5970, 49.9140, 86.6340

Conversions

Conversions Part 2

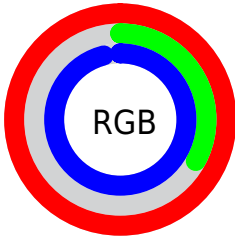
Format	Color
R _Y B	255, 84, 246
Decimal	16733430
CIE Lab	65.16, 81.55, -48.16
CIE LCh	65, 94.709, 329.433
Yxy	34.2545, 0.3284, 0.1843
Android (android.graphics.Color)	4294923510 (0xFFFF54F6)
YUV	153.5970, 45.5547, 88.9304
Hunter-Lab	58.5273, 83.7553, -50.7943

Details

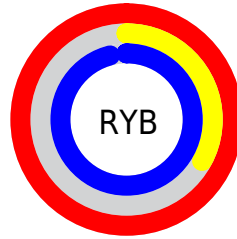
The XYZ color **61.0449, 34.2545, 90.5831** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **41.3930, 74.1957, 22.4973**, and the grayscale version is **30.3323, 31.9119, 34.7521**.

A 20% lighter version of the original color is **69.4154, 48.7308, 100.3551**, and **31.4334, 15.1435, 49.4104** is the 20% darker color. If you saturate the color by 10%, you get **59.2081, 30.9094, 88.9585**, and if you desaturate by 10%, it is **63.6045, 39.0426, 92.4568**.

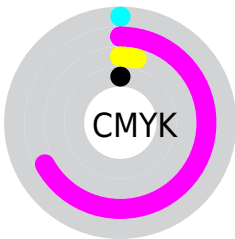
Distribution



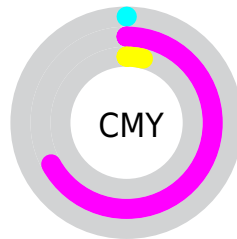
- Red (100%)
- Green (33%)
- Blue (96%)



- Red (100%)
- Yellow (33%)
- Blue (96%)



- Cyan (0%)
- Magenta (67%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0449, 34.2545, 90.5831 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 61.0449, 34.2545, 90.5831 by changing the saturation by 10% instead.


 61.0449, 34.2545,
90.5831

 61.0449, 34.2545,
90.5831


418.2119,
321.2654, 550.5448

 44.5141, 23.0892,
67.8879


 105.4417, 66.3292,
150.0907


 31.2745, 14.6594,
49.3404

 134.0384, 88.0075,
187.7402

 20.9608, 8.5807,
34.5221


 167.3877,
113.9588, 231.2115

 13.2077, 4.4687,
23.0144

 205.8551,
144.5675, 280.9232

 7.6497, 1.9390,
14.3987

249.8058,
180.2182, 337.2939

 3.9215, 0.5717,
8.2566

299.6053,

 1.6578, 0.0000,

221.2951, 400.7420

4.1695

355.6189,
268.1827, 471.6861

■ 0.4297, 0.0000,
1.7188

■ 0.0000, 0.0000,
0.3735

■ 61.0449, 34.2545,
90.5831

■ 61.0449, 34.2545,
90.5831

■ 59.2081, 30.9094,
88.9585

■ 63.6045, 39.0426,
92.4568

■ 58.0096, 28.8384,
87.5536

■ 66.9549, 45.4102,
94.6010

■ 57.3446, 27.8323,
86.3339

■ 71.1587, 53.4821,
97.0371

■ 57.2038, 27.6455,
85.9944

■ 76.2715, 63.3697,
99.7836

82.3444, 75.1750,
102.8575

89.4245, 88.9924,
106.2746

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.



47.3571, 34.2545, 149.7647



61.0449, 34.2545, 90.5831



66.8021, 34.2545, 38.0512

Triad

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



61.0449, 34.2545, 90.5831



32.8201, 34.2545, 1.2596



14.5318, 34.2545, 88.2596

Complementary

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



61.0449, 34.2545, 90.5831



41.3930, 74.1957, 22.4973

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.



12.6289, 34.2545, 36.5534



61.0449, 34.2545, 90.5831



21.2160, 34.2545, 2.5811

Square

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



61.0449, 34.2545, 90.5831



47.9409, 34.2545, 2.7094



14.6850, 34.2545, 10.5205



20.8773, 34.2545, 147.8808

Rectangle

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



61.0449, 34.2545, 90.5831



64.4011, 34.2545, 17.3494



14.6850, 34.2545, 10.5205



13.4465, 34.2545, 68.5921

Sweetspot

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



61.0456, 34.2558, 90.5838



80.4537, 71.4940, 101.9174



25.6906, 15.8661, 96.3162



16.8513, 14.5849, 21.6283



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.



61.0456, 34.2558, 90.5838



58.7930, 30.1753, 88.5233



50.8400, 30.1736, 36.8418



18.7489, 18.2829, 22.5610



29.9082, 14.4526, 45.0286



2.9242, 1.4121, 4.4483

Inverse Universe

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



61.0456, 34.2558, 90.5838



58.7930, 30.1753, 88.5233



47.4582, 76.6217, 54.4360



18.7489, 18.2829, 22.5610



29.9082, 14.4526, 45.0286



2.9242, 1.4121, 4.4483

Previews

White Background



This preview shows how the XYZ color 61.0449, 34.2545, 90.5831 looks on a white background.

Color Contrast Check

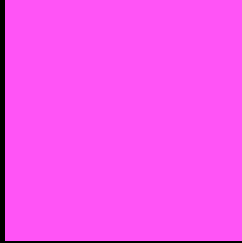
Large Text (above 18pt) WCAG AA × Fail

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 61.0449, 34.2545, 90.5831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

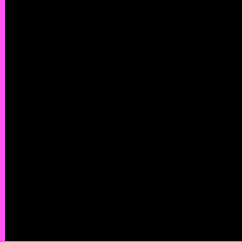
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0449, 34.2545, 90.5831

Background



This preview shows how black text looks on a background with the XYZ color 61.0449, 34.2545, 90.5831.



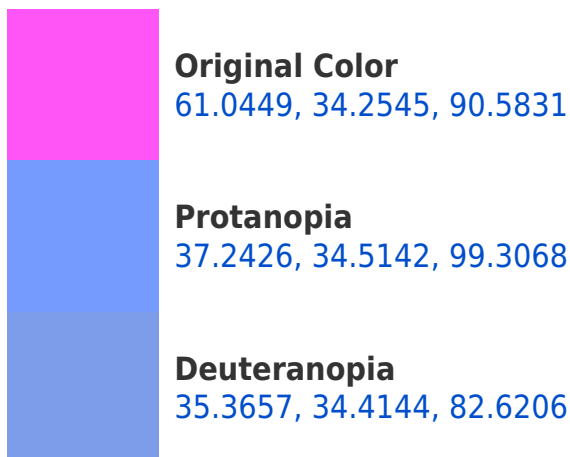
This preview shows how white text looks on a background with the XYZ color 61.0449, 34.2545,

90.5831.

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





Tritanopia

47.2969, 33.8952, 24.8185

Trichromacy



Original Color

61.0449, 34.2545, 90.5831



Protanomaly

41.5694, 31.0536, 95.8985



Deuteranomaly

40.4285, 30.9090, 84.7241



Tritanomaly

51.0619, 33.2681, 42.7599

Monochromacy



Original Color

61.0449, 34.2545, 90.5831



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

38.3058, 30.3647, 50.8558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0449, 34.2545, 90.5831 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 246) }
```

Border

The CSS property to change the border of an element to XYZ 61.0449, 34.2545, 90.5831 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, 246) }
```


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

```
.border{ border-color:rgb(255, 84, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0449, 34.2545, 90.5831 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, 246) }
```

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

```
.background{ background-color: rgb(255, 84,  
246) }
```

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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