

Converting Colors

XYZ(60.4400, 36.3333, 89.0698)

Have a look what the booklet for
XYZ(60.4400, 36.3333, 89.0698)
contains.

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Color

**XYZ(60.5048, 36.3584,
89.4169)**

Conversions

Conversions Part 1

Format	Color
Hex	FA66F4
RGB	250, 102, 244
RGB Percent	98%, 40%, 96%
CMY	0.0196, 0.6000, 0.0431
CMYK	0.00, 0.59, 0.02, 0.02
HSL	302°, 94%, 69%
HSV	302°, 59%, 98%
XYZ	60.5048, 36.3584, 89.4169
YIQ	162.4400, 42.6260, 75.5380

Conversions

Conversions Part 2

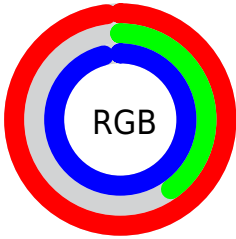
Format	Color
R _Y B	250, 102, 244
Decimal	16410356
CIE Lab	66.79, 73.25, -44.54
CIE LCh	67, 85.732, 328.696
Yxy	36.3584, 0.3248, 0.1952
Android (android.graphics.Color)	4294600436 (0xFFFA66F4)
YUV	162.4400, 40.2091, 76.7901
Hunter-Lab	60.2979, 73.5910, -45.7137

Details

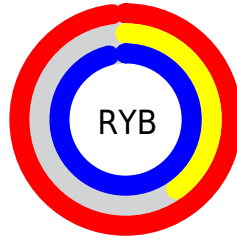
The XYZ color **60.5048, 36.3584, 89.4169** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **42.3735, 72.2801, 25.9077**, and the grayscale version is **34.3538, 36.1428, 39.3595**.

A 20% lighter version of the original color is **71.8608, 53.6216, 101.1703**, and **30.8357, 15.7968, 48.4376** is the 20% darker color. If you saturate the color by 10%, you get **58.2549, 32.1032, 87.9099**, and if you desaturate by 10%, it is **63.4987, 42.0983, 91.1767**.

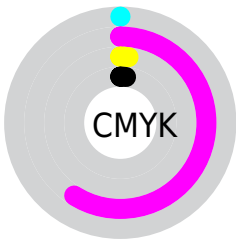
Distribution



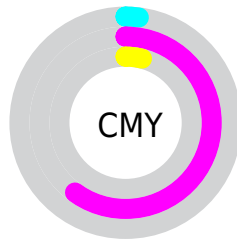
- Red (98%)
- Green (40%)
- Blue (96%)



- Red (98%)
- Yellow (40%)
- Blue (96%)



- Cyan (0%)
- Magenta (59%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (60%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5048, 36.3584, 89.4169 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 60.5048, 36.3584, 89.4169 by changing the saturation by 10% instead.


 60.5048, 36.3584,
89.4169


 60.5048, 36.3584,
89.4169


416.2609,
330.5243, 546.6533

 44.0767, 24.7111,
66.9261

 104.6638, 69.5849,
148.4566


 30.9290, 15.8620,
48.5634


 133.1253, 91.9329,
185.8426

 20.6963, 9.4265,
33.9101


 166.3287,
118.6166, 229.0308

 13.0134, 5.0204,
22.5477

 204.6393,
150.0204, 278.4398

 7.5148, 2.2592,
14.0578

248.4225,
186.5287, 334.4879

 3.8353, 0.7520,
8.0216

298.0436,

 1.6094, 0.0000,

228.5258, 397.5939

4.0208

353.8680,
276.3962, 468.1761

■ 0.3985, 0.0000,
1.6368

■ 0.0000, 0.0000,
0.3169

■ 60.5048, 36.3584,
89.4169

■ 60.5048, 36.3584,
89.4169

■ 58.2549, 32.1032,
87.9099

■ 63.4987, 42.0983,
91.1767

■ 56.6761, 29.1900,
86.6305

■ 67.2931, 49.4386,
93.2072

■ 55.6880, 27.4569,
85.5521

■ 71.9434, 58.4894,
95.5272

■ 55.1667, 26.6559,
84.6335

■ 77.4990, 69.3496,
98.1531

55.1329, 26.6075,
84.5626

84.0057, 82.1105,
101.1003

91.5060, 96.8573,
104.3829

92.6126, 98.8153,
105.5385

92.7729, 98.8795,
106.3829

92.9341, 98.9440,
107.2318

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.9491, 36.3584, 140.9074



60.5048, 36.3584, 89.4169



65.9161, 36.3584, 41.2335

Triad

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



60.5048, 36.3584, 89.4169



35.1274, 36.3584, 2.5254



16.9910, 36.3584, 84.6642

Complementary

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



60.5048, 36.3584, 89.4169



42.3735, 72.2801, 25.9077

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.



15.1595, 36.3584, 37.9871



60.5048, 36.3584, 89.4169



23.9251, 36.3584, 4.1940

Square

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



60.5048, 36.3584, 89.4169



49.1806, 36.3584, 4.5680



17.3465, 36.3584, 12.8893



23.1650, 36.3584, 137.1575

Rectangle

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



60.5048, 36.3584, 89.4169



63.9251, 36.3584, 20.8430



17.3465, 36.3584, 12.8893



15.9271, 36.3584, 67.1369

Sweetspot

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



60.5061, 36.3601, 89.4176



81.8168, 74.0107, 103.0179



28.0638, 19.5284, 92.7338



17.1210, 15.0754, 21.8691



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.



60.5061, 36.3601, 89.4176



60.5759, 32.9071, 91.6889



51.5343, 32.7714, 42.1729



17.9609, 17.5117, 21.6496



29.2574, 14.1187, 44.9255



2.7189, 1.3113, 4.2093

Inverse Universe

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



60.5061, 36.3601, 89.4176



60.5759, 32.9071, 91.6889



48.0004, 74.5308, 55.5384



17.9609, 17.5117, 21.6496



29.2574, 14.1187, 44.9255



2.7189, 1.3113, 4.2093

Previews

White Background



This preview shows how the XYZ color 60.5048, 36.3584, 89.4169 looks on a white background.

Color Contrast Check

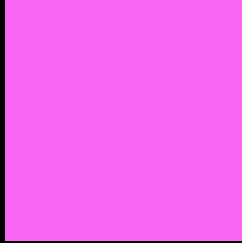
Large Text (above 18pt) WCAG AA × Fail

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 60.5048, 36.3584, 89.4169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

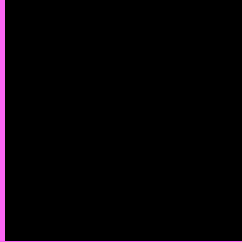
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5048, 36.3584, 89.4169

Background



This preview shows how black text looks on a background with the XYZ color 60.5048, 36.3584, 89.4169.



This preview shows how white text looks on a background with the XYZ color 60.5048, 36.3584,

89.4169.

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

60.5048, 36.3584, 89.4169

Protanopia

39.2250, 36.7972, 99.6429

Deuteranopia

37.5878, 36.5811, 82.9217



Tritanopia

47.9762, 36.0359, 29.2379

Trichromacy



Original Color

60.5048, 36.3584, 89.4169



Protanomaly

43.4398, 34.0882, 95.5569



Deuteranomaly

42.9422, 34.2763, 85.2416



Tritanomaly

51.3703, 35.5245, 46.2689

Monochromacy



Original Color

60.5048, 36.3584, 89.4169



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

41.1406, 34.0313, 54.2695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5048, 36.3584, 89.4169 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(250, 102, 244)` looks like.

```
.text, #text, p{  
    color:rgb(250, 102, 244)  
}
```

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(250, 102, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 102, 244) }
```

Border

The CSS property to change the border of an element to XYZ 60.5048, 36.3584, 89.4169 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(250, 102, 244) }
```


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

```
.border{ border-color:rgb(250, 102, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 102, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 102, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 102, 244);  
box-shadow:4px 4px 4px 4px rgb(250, 102,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5048, 36.3584, 89.4169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 102, 244) }
```

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

```
.background{ background-color: rgb(250,  
102, 244) }
```

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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