

Converting Colors

XYZ(60.4567, 33.1598, 90.1351)

Have a look what the booklet for
XYZ(60.4567, 33.1598, 90.1351)
contains.

XYZ(60.5284, 33.2216, 90.4110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.5284, 33.2216,
90.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4DF6
RGB	255, 77, 246
RGB Percent	100%, 30%, 96%
CMY	0.0000, 0.6980, 0.0353
CMYK	0.00, 0.70, 0.04, 0.00
HSL	303°, 100%, 65%
HSV	303°, 70%, 100%
XYZ	60.5284, 33.2216, 90.4110
YIQ	149.4880, 51.8390, 90.2950

Conversions

Conversions Part 2

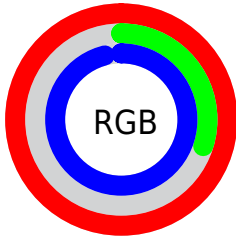
Format	Color
R _Y B	255, 77, 246
Decimal	16731638
CIE Lab	64.34, 83.88, -49.47
CIE LCh	64, 97.379, 329.472
Yxy	33.2216, 0.3287, 0.1804
Android (android.graphics.Color)	4294921718 (0xFFFF4DF6)
YUV	149.4880, 47.5804, 92.5340
Hunter-Lab	57.6382, 86.5839, -52.6553

Details

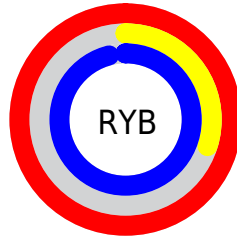
The XYZ color **60.5284, 33.2216, 90.4110** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **40.5014, 73.7702, 20.9104**, and the grayscale version is **28.5648, 30.0524, 32.7271**.

A 20% lighter version of the original color is **68.6681, 47.2362, 100.1060**, and **31.4334, 15.1435, 49.4104** is the 20% darker color. If you saturate the color by 10%, you get **58.8836, 30.2473, 88.8901**, and if you desaturate by 10%, it is **62.8749, 37.5965, 92.1734**.

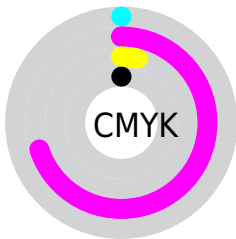
Distribution



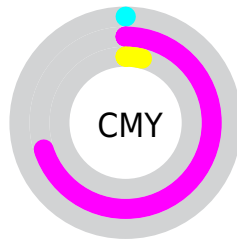
- Red (100%)
- Green (30%)
- Blue (96%)



- Red (100%)
- Yellow (30%)
- Blue (96%)



- Cyan (0%)
- Magenta (70%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5284, 33.2216, 90.4110 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 60.5284, 33.2216, 90.4110 by changing the saturation by 10% instead.


 60.5284, 33.2216,
90.4110


 60.5284, 33.2216,
90.4110

416.3463,
316.6471, 549.9715


 44.0958, 22.2963,
67.7459


 104.6978, 64.7213,
149.8497


 30.9440, 14.0747,
49.2257

 133.1653, 86.0645,
187.4604

 20.7079, 8.1727,
34.4317


 166.3750,
111.6491, 230.8900

 13.0219, 4.2056,
22.9454

 204.6925,
141.8596, 280.5571

 7.5207, 1.7892,
14.3483

248.4830,
177.0802, 336.8803

 3.8390, 0.4805,
8.2218

298.1119,

 1.6115, 0.0000,

217.6953, 400.2781

4.1474

353.9446,
264.0895, 471.1689

■ 0.3999, 0.0000,
1.7065

■ 0.0000, 0.0000,
0.3652

■ 60.5284, 33.2216,
90.4110

■ 60.5284, 33.2216,
90.4110

■ 58.8836, 30.2473,
88.8901

■ 62.8749, 37.5965,
92.1734

■ 57.8511, 28.4958,
87.5796

■ 65.9937, 43.5141,
94.1996

■ 57.2925, 27.6898,
86.4339

■ 69.9495, 51.1034,
96.5116

■ 57.2831, 27.6772,
86.4117

■ 74.7994, 60.4789,
99.1285

■ 80.5958, 71.7449,
102.0677

■ 87.3866, 84.9977,
105.3452

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.



46.5788, 33.2216, 151.5341



60.5284, 33.2216, 90.4110



66.4054, 33.2216, 36.8806

Triad

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



60.5284, 33.2216, 90.4110



31.8224, 33.2216, 0.9477



13.5993, 33.2216, 88.1857

Complementary

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



60.5284, 33.2216, 90.4110



40.5014, 73.7702, 20.9104

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.



11.7272, 33.2216, 35.4738



60.5284, 33.2216, 90.4110



20.1999, 33.2216, 2.1122

Square

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



60.5284, 33.2216, 90.4110



47.1322, 33.2216, 2.2198



13.7398, 33.2216, 9.6117



19.8857, 33.2216, 149.7136

Rectangle

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



60.5284, 33.2216, 90.4110



63.9376, 33.2216, 16.2361



13.7398, 33.2216, 9.6117



12.5315, 33.2216, 68.0282

Sweetspot

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



60.5292, 33.2229, 90.4116



79.8488, 70.2902, 101.6975



24.5339, 14.5032, 96.1141



16.7345, 14.3515, 21.5890



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.



60.5292, 33.2229, 90.4116



58.3810, 29.3740, 88.3159



49.9893, 29.0070, 34.9095



18.7507, 18.2836, 22.5701



29.9489, 14.4689, 45.2431



2.9277, 1.4135, 4.4668

Inverse Universe

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



60.5292, 33.2229, 90.4116



58.3810, 29.3740, 88.3159



46.5498, 76.1895, 52.7607



18.7507, 18.2836, 22.5701



29.9489, 14.4689, 45.2431



2.9277, 1.4135, 4.4668

Previews

White Background



This preview shows how the XYZ color 60.5284, 33.2216, 90.4110 looks on a white background.

Color Contrast Check

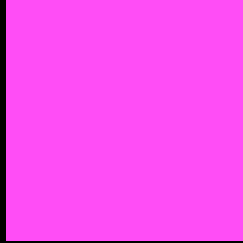
Large Text (above 18pt) WCAG AA × Fail

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 60.5284, 33.2216, 90.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

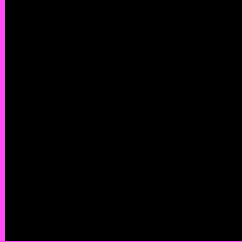
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5284, 33.2216, 90.4110

Background



This preview shows how black text looks on a background with the XYZ color 60.5284, 33.2216, 90.4110.



This preview shows how white text looks on a background with the XYZ color 60.5284, 33.2216,

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

60.5284, 33.2216, 90.4110

Protanopia

36.2513, 33.5132, 99.1658

Deuteranopia

34.3184, 33.3763, 82.4754



Tritanopia

46.6809, 33.0805, 23.3269

Trichromacy



Original Color

60.5284, 33.2216, 90.4110



Protanomaly

40.4214, 29.6948, 95.6967



Deuteranomaly

39.3842, 29.7868, 84.5626



Tritanomaly

50.2706, 32.1415, 41.0905

Monochromacy



Original Color

60.5284, 33.2216, 90.4110



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

36.4737, 28.3180, 48.8909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5284, 33.2216, 90.4110 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, 77, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 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, 77, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 246) }
```

Border

The CSS property to change the border of an element to XYZ 60.5284, 33.2216, 90.4110 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, 77, 246) }
```


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

```
.border{ border-color:rgb(255, 77, 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, 77, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5284, 33.2216, 90.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 246) }
```

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

```
.background{ background-color: rgb(255, 77,  
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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