

Converting Colors

XYZ(60.4094, 35.8503, 98.3436)

Have a look what the booklet for
XYZ(60.4094, 35.8503, 98.3436)
contains.

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Color

**XYZ(60.2634, 35.7468,
98.3313)**

Conversions

Conversions Part 1

Format	Color
Hex	F564FF
RGB	245, 100, 255
RGB Percent	96%, 39%, 100%
CMY	0.0392, 0.6078, 0.0000
CMYK	0.04, 0.61, 0.00, 0.00
HSL	296°, 100%, 70%
HSV	296°, 61%, 100%
XYZ	60.2634, 35.7468, 98.3313
YIQ	161.0250, 36.6650, 78.9450

Conversions

Conversions Part 2

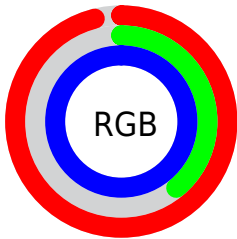
Format	Color
R _{YB}	245, 100, 255
Decimal	16082175
CIE Lab	66.33, 74.69, -51.38
CIE LCh	66, 90.655, 325.477
Yxy	35.7468, 0.3101, 0.1839
Android (android.graphics.Color)	4294272255 (0xFFFF564FF)
YUV	161.0250, 46.3297, 73.6461
Hunter-Lab	59.7886, 75.2873, -55.6592

Details

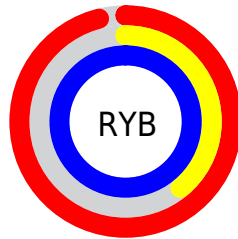
The XYZ color **60.2634, 35.7468, 98.3313** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **44.4914, 75.7555, 24.3355**, and the grayscale version is **33.6691, 35.4225, 38.5751**.

A 20% lighter version of the original color is **71.5169, 52.9337, 101.0556**, and **30.7445, 15.4792, 54.7935** is the 20% darker color. If you saturate the color by 10%, you get **57.6182, 31.3037, 97.6131**, and if you desaturate by 10%, it is **63.6812, 41.7257, 99.3052**.

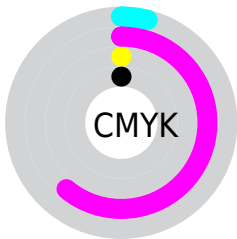
Distribution



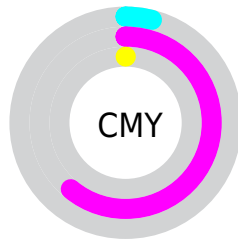
- Red (96%)
- Green (39%)
- Blue (100%)



- Red (96%)
- Yellow (39%)
- Blue (100%)



- Cyan (4%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2634, 35.7468, 98.3313 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 60.2634, 35.7468, 98.3313 by changing the saturation by 10% instead.


 60.2634, 35.7468,
98.3313


 60.2634, 35.7468,
98.3313

415.3872,
327.8525, 576.0302

 43.8813, 24.2387,
74.2986

 104.3158, 68.6411,
160.8939


 30.7747, 15.5108,
54.5402

 132.7168, 90.7961,
200.2609

 20.5783, 9.1786,
38.6376


 165.8548,
117.2688, 245.5764

 12.9268, 4.8579,
26.1722

 204.0952,
148.4437, 297.2589

 7.4548, 2.1641,
16.7256

247.8032,
184.7051, 355.7270

 3.7970, 0.7003,
9.8792

297.3443,

 1.5879, 0.0000,

226.4374, 421.3993

5.2144

353.0839,
274.0251, 494.6941

■ 0.3845, 0.0000,
2.3126

■ 0.0000, 0.0000,
0.7383

■ 60.2634, 35.7468,
98.3313

■ 60.2634, 35.7468,
98.3313

■ 57.6182, 31.3037,
97.6131

■ 63.6812, 41.7257,
99.3052

■ 55.6678, 28.2435,
97.1253


■ 67.9325, 49.3650,
100.5557


■ 54.3246, 26.3901,
96.8383

■ 73.0764, 58.7818,
102.1022

■ 53.4952, 25.4927,
96.7088

■ 79.1655, 70.0813,
103.9623

 86.2482, 83.3606,
106.1522

 94.3699, 98.7100,
108.6868

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.



46.4535, 35.7468, 152.5247



60.2634, 35.7468, 98.3313



67.1076, 35.7468, 45.1039

Triad

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



60.2634, 35.7468, 98.3313



36.0712, 35.7468, 1.8664



15.4733, 35.7468, 80.6221

Complementary

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



60.2634, 35.7468, 98.3313



44.4914, 75.7555, 24.3355

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.



14.0672, 35.7468, 33.3328



60.2634, 35.7468, 98.3313



23.9609, 35.7468, 2.9548

Square

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



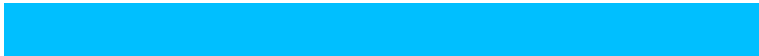
60.2634, 35.7468, 98.3313



50.9738, 35.7468, 4.1395



16.7208, 35.7468, 10.1097



21.2521, 35.7468, 138.3700

Rectangle

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



60.2634, 35.7468, 98.3313



65.7579, 35.7468, 22.2200



16.7208, 35.7468, 10.1097



14.5522, 35.7468, 62.4082

Sweetspot

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



60.2647, 35.7483, 98.3316



81.0341, 73.5728, 104.5377



28.9188, 21.1548, 97.1668



16.9267, 14.9667, 22.2467



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.



60.2647, 35.7483, 98.3316



57.1284, 30.5111, 97.4860



54.8572, 33.9993, 51.1555



18.6702, 18.2372, 22.7861



28.0019, 13.3460, 50.5348



2.7600, 1.3167, 4.9220

Inverse Universe

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



48.6124, 31.5014, 18.2712



44.8388, 26.0898, 10.4292



48.0070, 77.0260, 48.9790



18.0569, 18.0061, 18.9167



21.6172, 11.1362, 1.3689



2.1207, 1.0906, 0.2168

Previews

White Background



This preview shows how the XYZ color 60.2634, 35.7468, 98.3313 looks on a white background.

Color Contrast Check

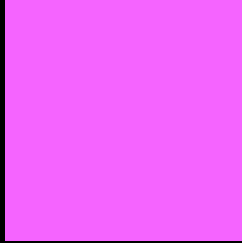
Large Text (above 18pt) WCAG AA × Fail

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 60.2634, 35.7468, 98.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

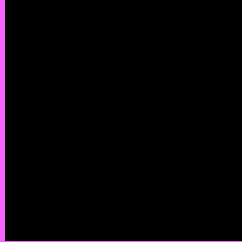
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2634, 35.7468, 98.3313

Background



This preview shows how black text looks on a background with the XYZ color 60.2634, 35.7468, 98.3313.



This preview shows how white text looks on a background with the XYZ color 60.2634, 35.7468,

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

60.2634, 35.7468, 98.3313

Protanopia

38.6165, 36.2272, 99.5650

Deuteranopia

37.2523, 36.2199, 91.4139



Tritanopia

46.0887, 35.4444, 30.0035

Trichromacy



Original Color

60.2634, 35.7468, 98.3313



Protanomaly

43.0748, 33.6124, 98.8253



Deuteranomaly

42.2679, 33.5203, 93.8648

Tritanomaly

49.8558, 34.6847, 48.8669

Monochromacy



Original Color

60.2634, 35.7468, 98.3313



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

40.8212, 33.6118, 55.9660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2634, 35.7468, 98.3313 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(245, 100, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 100, 255)  
}
```

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(245, 100, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 100, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.2634, 35.7468, 98.3313 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(245, 100, 255) }
```


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

```
.border{ border-color:rgb(245, 100, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 100, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 100, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 100, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 100,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2634, 35.7468, 98.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 100, 255) }
```

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

```
.background{ background-color: rgb(245,  
100, 255) }
```

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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