

Converting Colors

XYZ(60.0079, 38.2933, 98.8363)

Have a look what the booklet for XYZ(60.0079, 38.2933, 98.8363) contains.

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Color

**XYZ(60.0079, 38.2933,
98.8363)**

Conversions

Conversions Part 1

Format	Color
Hex	EF75FF
RGB	239, 117, 255
RGB Percent	94%, 46%, 100%
CMY	0.0627, 0.5412, 0.0000
CMYK	0.06, 0.54, 0.00, 0.00
HSL	293°, 100%, 73%
HSV	293°, 54%, 100%
XYZ	60.0079, 38.2933, 98.8363
YIQ	169.2100, 28.4140, 68.7820

Conversions

Conversions Part 2

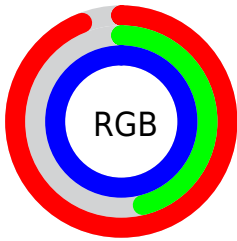
Format	Color
R_{YB}	239, 117, 255
Decimal	15693311
CIE _{Lab}	68.24, 65.85, -48.41
CIE _{LCh}	68, 81.732, 323.676
Yxy	38.2933, 0.3044, 0.1942
Android (android.graphics.Color)	4293883391 (0xFFEF75FF)
YUV	169.2100, 42.2945, 61.2058
Hunter-Lab	61.8816, 64.8025, -51.3800

Details

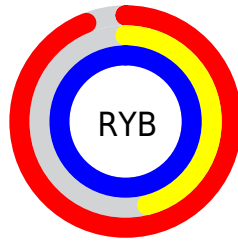
The XYZ color **60.0079, 38.2933, 98.8363** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **48.6446, 77.7913, 29.2827**, and the grayscale version is **37.6048, 39.5631, 43.0843**.

A 20% lighter version of the original color is **74.4261, 58.7521, 102.0254**, and **30.6313, 17.0122, 55.0953** is the 20% darker color. If you saturate the color by 10%, you get **56.4417, 32.6296, 97.9311**, and if you desaturate by 10%, it is **64.4020, 45.5866, 100.0125**.

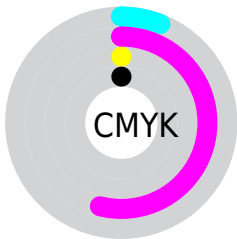
Distribution



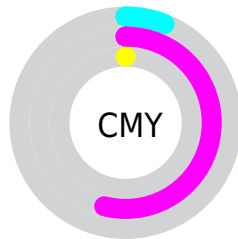
- Red (94%)
- Green (46%)
- Blue (100%)



- Red (94%)
- Yellow (46%)
- Blue (100%)



- Cyan (6%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0079, 38.2933, 98.8363 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 60.0079, 38.2933, 98.8363 by changing the saturation by 10% instead.


 60.0079, 38.2933,
98.8363


 60.0079, 38.2933,
98.8363


414.4612,
338.8765, 577.6700

 43.6745, 26.2104,
74.7176

 103.9474, 72.5575,
161.5950

 30.6115, 16.9811,
54.8812


 132.2842, 95.5075,
201.0720

 20.4536, 10.2210,
38.9087

 165.3529,
122.8488, 246.5056

 12.8353, 5.5458,
26.3814

203.5187,
154.9656, 298.3142

 7.3915, 2.5709,
16.8809

247.1471,
192.2424, 356.9164

 3.7566, 0.9121,
9.9885

296.6034,

 1.5654, 0.0000,

235.0635, 422.7308

5.2858

352.2530,
283.8134, 496.1758

■ 0.3697, 0.0000,
2.3543

■ 0.0000, 0.0000,
0.7614

■ 60.0079, 38.2933,
98.8363

■ 60.0079, 38.2933,
98.8363

■ 56.4417, 32.6296,
97.9311

■ 64.4020, 45.5866,
100.0125

■ 53.6320, 28.4558,
97.2735

■ 69.6800, 54.6244,
101.4788

■ 51.5018, 25.6169,
96.8379

■ 75.8975, 65.5167,
103.2535

■ 49.9553, 23.9215,
96.5921

■ 83.1043, 78.3630,
105.3532

■ 49.2379, 23.2979,
96.5096

■ 91.3468, 93.2560,
107.7934

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.



47.1856, 38.2933, 145.0965



60.0079, 38.2933, 98.8363



66.6993, 38.2933, 49.9395

Triad

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



60.0079, 38.2933, 98.8363



39.1718, 38.2933, 3.5679



18.2082, 38.2933, 76.8306

Complementary

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



60.0079, 38.2933, 98.8363



48.6446, 77.7913, 29.2827

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.



17.0253, 38.2933, 34.4116



60.0079, 38.2933, 98.8363



27.3920, 38.2933, 4.7452

Square

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



60.0079, 38.2933, 98.8363



52.9837, 38.2933, 6.8091



19.9682, 38.2933, 12.3531



23.6923, 38.2933, 128.0086

Rectangle

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



60.0079, 38.2933, 98.8363



65.8831, 38.2933, 27.1683



19.9682, 38.2933, 12.3531



17.3572, 38.2933, 60.6501

Sweetspot

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



60.0092, 38.2949, 98.8366



81.6684, 75.7883, 104.9320



33.7887, 27.8061, 98.1940



17.1536, 15.6375, 22.3642



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.



60.0092, 38.2949, 98.8366



56.1637, 32.2024, 97.8633



58.2747, 38.2530, 60.2527



18.5731, 18.1872, 22.7815



25.8104, 12.2162, 50.4322



2.5694, 1.2185, 4.9130

Inverse Universe

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



51.8358, 35.6774, 26.3459



47.5649, 29.5391, 17.5123



50.3434, 78.2009, 50.4232



18.0950, 18.0213, 19.1174



21.6953, 11.1674, 1.7798



2.1386, 1.0978, 0.3114

Previews

White Background



This preview shows how the XYZ color 60.0079, 38.2933, 98.8363 looks on a white background.

Color Contrast Check

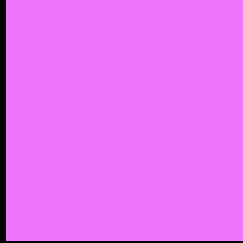
Large Text (above 18pt) WCAG AA × Fail

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 60.0079, 38.2933, 98.8363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

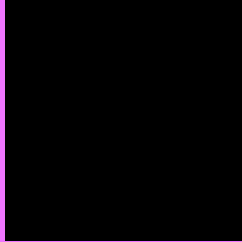
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0079, 38.2933, 98.8363

Background



This preview shows how black text looks on a background with the XYZ color 60.0079, 38.2933, 98.8363.



This preview shows how white text looks on a background with the XYZ color 60.0079, 38.2933,

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

60.0079, 38.2933, 98.8363

Protanopia

40.9983, 38.7575, 99.9278

Deuteranopia

39.7865, 38.8318, 92.5871



Tritanopia

47.0192, 38.1468, 35.4567

Trichromacy



Original Color

60.0079, 38.2933, 98.8363



Protanomaly

45.4970, 36.8581, 99.3241



Deuteranomaly

44.4834, 36.6773, 94.3574

Tritanomaly

50.8841, 37.8007, 53.9046

Monochromacy



Original Color

60.0079, 38.2933, 98.8363



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

43.5798, 37.4522, 59.5757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0079, 38.2933, 98.8363 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(239, 117, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 117, 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(239, 117, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 117, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.0079, 38.2933, 98.8363 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(239, 117, 255) }
```


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

```
.border{ border-color:rgb(239, 117, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 117, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 117, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 117, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 117,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0079, 38.2933, 98.8363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 117, 255) }
```

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

```
.background{ background-color: rgb(239,  
117, 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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