

Converting Colors

XYZ(60.2203, 31.5922, 93.4319)

Have a look what the booklet for
XYZ(60.2203, 31.5922, 93.4319)
contains.

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Color

**XYZ(60.2179, 31.6074,
93.3695)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3EFA
RGB	255, 62, 250
RGB Percent	100%, 24%, 98%
CMY	0.0000, 0.7568, 0.0196
CMYK	0.00, 0.76, 0.02, 0.00
HSL	302°, 100%, 62%
HSV	302°, 76%, 100%
XYZ	60.2179, 31.6074, 93.3695
YIQ	141.1390, 54.6800, 99.3840

Conversions

Conversions Part 2

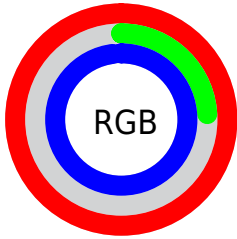
Format	Color
R _{YB}	255, 62, 250
Decimal	16727802
CIE _{Lab}	63.02, 88.85, -53.77
CIE _{LCh}	63, 103.852, 328.815
Y _{xy}	31.6074, 0.3252, 0.1707
Android (android.graphics.Color)	4294917882 (0xFFFF3EFA)
YUV	141.1390, 53.6685, 99.8561
Hunter-Lab	56.2205, 92.8061, -59.1130

Details

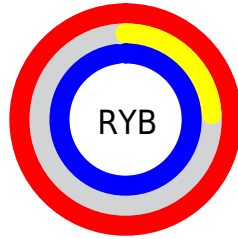
The XYZ color **60.2179, 31.6074, 93.3695** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **38.7607, 72.9499, 17.3497**, and the grayscale version is **25.1554, 26.4654, 28.8208**.

A 20% lighter version of the original color is **67.1403, 44.1805, 99.5968**, and **31.8738, 15.3196, 51.7291** is the 20% darker color. If you saturate the color by 10%, you get **59.0384, 29.4137, 92.4665**, and if you desaturate by 10%, it is **62.0489, 35.1031, 94.4922**.

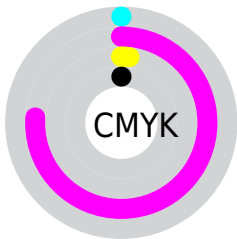
Distribution



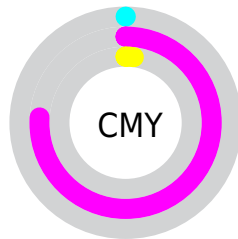
- Red (100%)
- Green (24%)
- Blue (98%)



- Red (100%)
- Yellow (24%)
- Blue (98%)



- Cyan (0%)
- Magenta (76%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (76%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2179, 31.6074, 93.3695 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 60.2179, 31.6074, 93.3695 by changing the saturation by 10% instead.


 60.2179, 31.6074,
93.3695

 60.2179, 31.6074,
93.3695


415.2224,
309.3269, 559.7823


 43.8444, 21.0618,
70.1893


 104.2502, 62.1951,
153.9862


 30.7456, 13.1692,
51.2031

 132.6398, 83.0060,
192.2598

 20.5561, 7.5452,
35.9924


 165.7655,
108.0075, 236.4015

 12.9105, 3.8053,
24.1387

 203.9926,
137.5839, 286.8300

 7.4435, 1.5653,
15.2234

 247.6864,
172.1196, 343.9638

 3.7898, 0.3340,
8.8280

297.2125,

 1.5839, 0.0000,

211.9991, 408.2214

4.5339

352.9360,
257.6068, 480.0214

■ 0.3819, 0.0000,
1.9225

■ 0.0000, 0.0000,
0.5070

■ 60.2179, 31.6074,
93.3695

■ 60.2179, 31.6074,
93.3695

■ 59.0384, 29.4137,
92.4665

■ 62.0489, 35.1031,
94.4922

■ 58.4087, 28.3192,
91.7482

■ 64.6097, 40.0581,
95.8596

■ 58.2445, 28.0618,
91.4745

■ 67.9699, 46.6111,
97.4952

■ 72.1902, 54.8840,
99.4193

■ 77.3258, 64.9867,
101.6504

■ 83.4269, 77.0200,
104.2050

■ 90.5404, 91.0774,
107.0990

■ 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.



45.3294, 31.6074, 159.6846



60.2179, 31.6074, 93.3695



66.7439, 31.6074, 36.0681

Triad

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



60.2179, 31.6074, 93.3695



30.6137, 31.6074, 0.3370



11.8236, 31.6074, 87.9936

Complementary

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



60.2179, 31.6074, 93.3695



38.7607, 72.9499, 17.3497

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.



10.0916, 31.6074, 32.8134



60.2179, 31.6074, 93.3695



18.6477, 31.6074, 1.2605

Square

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



60.2179, 31.6074, 93.3695



46.6363, 31.6074, 1.4486



12.1314, 31.6074, 7.6318



17.9407, 31.6074, 155.2005

Rectangle

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



60.2179, 31.6074, 93.3695



64.2844, 31.6074, 14.7610



12.1314, 31.6074, 7.6318



10.8150, 31.6074, 66.5504

Sweetspot

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



60.2186, 31.6086, 93.3701



78.8653, 68.0205, 102.3031



21.9683, 11.7981, 95.7271



16.4400, 13.6915, 21.7100



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.



60.2186, 31.6086, 93.3701



58.6425, 28.7097, 92.0639



48.9039, 27.0827, 33.7877



18.7712, 18.2918, 22.6780



30.4432, 14.6666, 47.8457



2.9703, 1.4305, 4.6912

Inverse Universe

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



60.2186, 31.6086, 93.3701



58.6425, 28.7097, 92.0639



44.2442, 75.1433, 46.2252



18.7712, 18.2918, 22.6780



30.4432, 14.6666, 47.8457



2.9703, 1.4305, 4.6912

Previews

White Background



This preview shows how the XYZ color 60.2179, 31.6074, 93.3695 looks on a white background.

Color Contrast Check

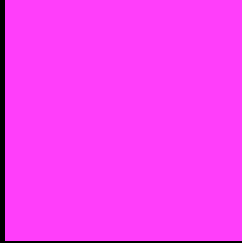
Large Text (above 18pt) WCAG AA × Fail

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 60.2179, 31.6074, 93.3695 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 60.2179, 31.6074, 93.3695

Background



This preview shows how black text looks on a background with the XYZ color 60.2179, 31.6074, 93.3695.



This preview shows how white text looks on a background with the XYZ color 60.2179, 31.6074,

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

60.2179, 31.6074, 93.3695

Protanopia

34.7413, 31.7791, 98.9106

Deuteranopia

32.8210, 31.8221, 84.5332



Tritanopia

45.2898, 31.4016, 21.1268

Trichromacy



Original Color

60.2179, 31.6074, 93.3695



Protanomaly

38.5881, 27.2880, 96.1618



Deuteranomaly

37.5241, 27.2858, 87.2934



Tritanomaly

48.8954, 30.2116, 39.8136

Monochromacy



Original Color

60.2179, 31.6074, 93.3695



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

33.4261, 24.8696, 46.7546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2179, 31.6074, 93.3695 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, 62, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 250)  
}
```

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, 62, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 250) }
```

Border

The CSS property to change the border of an element to XYZ 60.2179, 31.6074, 93.3695 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, 62, 250) }
```


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

```
.border{ border-color:rgb(255, 62, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 62, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2179, 31.6074, 93.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 250) }
```

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

```
.background{ background-color: rgb(255, 62,  
250) }
```

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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