

Converting Colors

XYZ(111.1763, 60.0593,
62.8984)

Have a look what the booklet for
XYZ(111.1763, 60.0593, 62.8984)
contains.

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Color

**XYZ(54.8635, 31.0684,
60.2319)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4ECC
RGB	255, 78, 204
RGB Percent	100%, 31%, 80%
CMY	0.0000, 0.6941, 0.2000
CMYK	0.00, 0.69, 0.20, 0.00
HSL	317°, 100%, 65%
HSV	317°, 69%, 100%
XYZ	54.8635, 31.0684, 60.2319
YIQ	145.2870, 65.0460, 76.7100

Conversions

Conversions Part 2

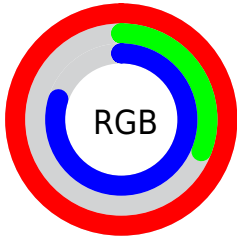
Format	Color
R _Y B	255, 78, 204
Decimal	16731852
CIE Lab	62.57, 77.67, -28.72
CIE LCh	63, 82.808, 339.705
Yxy	31.0684, 0.3754, 0.2126
Android (android.graphics.Color)	4294921932 (0xFFFF4ECC)
YUV	145.2870, 28.9455, 96.2183
Hunter-Lab	55.7390, 78.1529, -25.0518

Details

The XYZ color **54.8635, 31.0684, 60.2319** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **42.8658, 74.7253, 32.9363**, and the grayscale version is **26.8994, 28.3003, 30.8190**.

A 20% lighter version of the original color is **68.5226, 46.9452, 100.0575**, and **27.7532, 13.6713, 30.0302** is the 20% darker color. If you saturate the color by 10%, you get **52.5292, 27.7771, 55.2078**, and if you desaturate by 10%, it is **57.9427, 35.7829, 65.7101**.

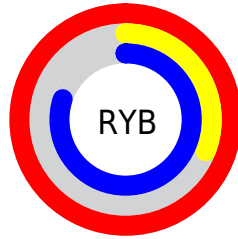
Distribution



Red (100%)

Green (31%)

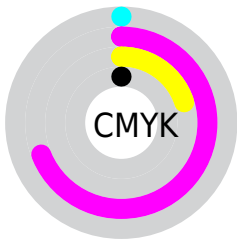
Blue (80%)



Red (100%)

Yellow (31%)

Blue (80%)

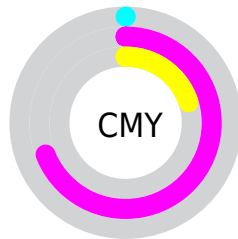


Cyan (0%)

Magenta (69%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8635, 31.0684, 60.2319 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 54.8635, 31.0684, 60.2319 by changing the saturation by 10% instead.


 54.8635, 31.0684,
60.2319


 54.8635, 31.0684,
60.2319

395.5391,
306.8533, 443.2804


 39.5259, 20.6509,
43.1791


 96.4904, 61.3477,
106.7127


 27.3516, 12.8691,
29.6932


 123.5104, 81.9784,
136.9777

 17.9754, 7.3385,
19.3558


 155.1552,
106.7823, 172.4838

 11.0319, 3.6747,
11.7482

 191.7902,
136.1437, 213.6496

 6.1558, 1.4933,
6.4520

233.7808,
170.4472, 260.8936

 2.9816, 0.2840,
3.0486

281.4922,

 1.1440, 0.0000,

210.0770, 314.6344

1.1195

335.2899,
255.4176, 375.2905

■ 0.0615, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8635, 31.0684,
60.2319

■ 54.8635, 31.0684,
60.2319

■ 52.5292, 27.7771,
55.2078

■ 57.9427, 35.7829,
65.7101

■ 50.8506, 25.7317,
50.6044

■ 61.8377, 42.0616,
71.6677

■ 49.6955, 24.6684,
46.3750

■ 66.6134, 50.0332,
78.1295

■ 49.6342, 24.6177,
46.1331

■ 72.3272, 59.8121,
85.1173

■ 79.0318, 71.5023,
92.6511

■ 86.7755, 85.2000,
100.7496

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.



45.6429, 31.0684, 107.5255



54.8635, 31.0684, 60.2319



56.4422, 31.0684, 24.4103

Triad

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



54.8635, 31.0684, 60.2319



26.0262, 31.0684, 2.1235



15.8024, 31.0684, 90.9552

Complementary

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



54.8635, 31.0684, 60.2319



42.8658, 74.7253, 32.9363

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.



12.9101, 31.0684, 45.4018



54.8635, 31.0684, 60.2319



17.7400, 31.0684, 5.0272

Square

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



54.8635, 31.0684, 60.2319



37.6985, 31.0684, 2.6268



13.5154, 31.0684, 16.5499



22.6352, 31.0684, 131.7574

Rectangle

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



54.8635, 31.0684, 60.2319



52.6247, 31.0684, 11.4577



13.5154, 31.0684, 16.5499



14.4272, 31.0684, 74.8251

Sweetspot

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



54.8642, 31.0698, 60.2325



77.8960, 69.5091, 91.4143



29.7008, 17.2716, 96.3761



16.2646, 14.1635, 19.1145



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.



54.8642, 31.0698, 60.2325



51.8558, 26.9090, 53.5076



47.1383, 27.9795, 19.5484



18.5564, 18.2059, 21.5472



26.0028, 12.8904, 24.4629



2.5791, 1.2740, 2.6312

Inverse Universe

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



54.8642, 31.0698, 60.2325



51.8558, 26.9090, 53.5076



51.3819, 78.1318, 77.7815



18.5564, 18.2059, 21.5472



26.0028, 12.8904, 24.4629



2.5791, 1.2740, 2.6312

Previews

White Background



This preview shows how the XYZ color 54.8635, 31.0684, 60.2319 looks on a white background.

Color Contrast Check

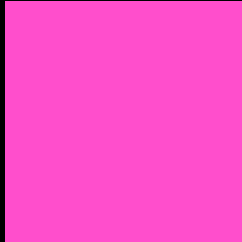
Large Text (above 18pt) WCAG AA × Fail

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 54.8635, 31.0684, 60.2319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

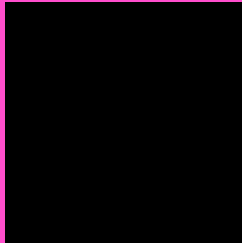
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8635, 31.0684, 60.2319

Background



This preview shows how black text looks on a background with the XYZ color 54.8635, 31.0684, 60.2319.



This preview shows how white text looks on a background with the XYZ color 54.8635, 31.0684,

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

54.8635, 31.0684, 60.2319

Protanopia

34.5838, 31.4640, 98.8581

Deuteranopia

31.9867, 31.3192, 55.3983



Tritanopia

46.3340, 31.0472, 18.8799

Trichromacy



Original Color

54.8635, 31.0684, 60.2319



Protanomaly

36.7205, 27.6956, 82.7673



Deuteranomaly

37.0432, 28.4335, 56.9619



Tritanomaly

48.6274, 30.5527, 30.1224

Monochromacy



Original Color

54.8635, 31.0684, 60.2319



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

33.7279, 26.7422, 39.4605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8635, 31.0684, 60.2319 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, 78, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 78, 204)  
}
```

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, 78, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 78, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.8635, 31.0684, 60.2319 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, 78, 204) }
```


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

```
.border{ border-color:rgb(255, 78, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 78, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 78, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 78, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 78,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8635, 31.0684, 60.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 78, 204) }
```

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

```
.background{ background-color: rgb(255, 78,  
204) }
```

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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