

Converting Colors

XYZ(54.1072, 28.5287, 63.1465)

Have a look what the booklet for
XYZ(54.1072, 28.5287, 63.1465)
contains.

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Color

**XYZ(54.0678, 28.5018,
62.9733)**

Conversions

Conversions Part 1

Format	Color
Hex	FF36D1
RGB	255, 54, 209
RGB Percent	100%, 21%, 82%
CMY	0.0000, 0.7882, 0.1804
CMYK	0.00, 0.79, 0.18, 0.00
HSL	314°, 100%, 61%
HSV	314°, 79%, 100%
XYZ	54.0678, 28.5018, 62.9733
YIQ	131.7690, 70.0410, 90.8170

Conversions

Conversions Part 2

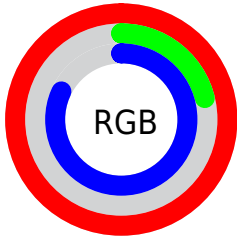
Format	Color
R _Y B	255, 54, 209
Decimal	16725713
CIE Lab	60.34, 85.24, -35.01
CIE LCh	60, 92.151, 337.669
Yxy	28.5018, 0.3715, 0.1958
Android (android.graphics.Color)	4294915793 (0xFFFF36D1)
YUV	131.7690, 38.0749, 108.0736
Hunter-Lab	53.3871, 87.3486, -32.5652

Details

The XYZ color **54.0678, 28.5018, 62.9733** 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 **39.5830, 73.2250, 24.1077**, and the grayscale version is **21.7013, 22.8314, 24.8634**.

A 20% lighter version of the original color is **66.3730, 42.6459, 99.3410**, and **28.0809, 13.8024, 31.7560** is the 20% darker color. If you saturate the color by 10%, you get **52.4666, 26.4347, 58.9397**, and if you desaturate by 10%, it is **56.3180, 31.8243, 67.3544**.

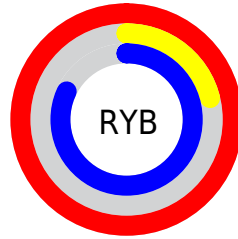
Distribution



Red (100%)

Green (21%)

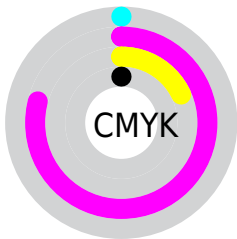
Blue (82%)



Red (100%)

Yellow (21%)

Blue (82%)

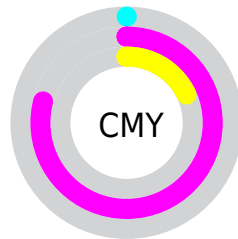


Cyan (0%)

Magenta (79%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (79%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0678, 28.5018, 62.9733 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 54.0678, 28.5018, 62.9733 by changing the saturation by 10% instead.


 54.0678, 28.5018,
62.9733


 54.0678, 28.5018,
62.9733

392.5626,
294.8570, 453.5779


 38.8868, 18.7043,
45.3787

 95.3301, 57.2846,
110.7162


 26.8520, 11.4568,
31.4107


 122.1421, 77.0387,
141.7016


 17.5981, 6.3750,
20.6507


 153.5617,
100.8803, 177.9877

 10.7598, 3.0744,
12.6802

 189.9544,
129.1940, 219.9931

 5.9716, 1.1707,
7.0806

 231.6855,
162.3642, 268.1363

 2.8683, 0.0376,
3.4333

279.1203,

 1.0845, 0.0000,

200.7751, 322.8358

1.3199

332.6242,
244.8112, 384.5101

■ 0.0121, 0.0000,
0.0780

■ 0.0000, 0.0000,
0.0000

■ 54.0678, 28.5018,
62.9733

■ 54.0678, 28.5018,
62.9733

■ 52.4666, 26.4347,
58.9397

■ 56.3180, 31.8243,
67.3544

■ 51.3884, 25.3717,
55.2094

■ 59.3006, 36.5690,
72.1113

■ 51.2766, 25.2747,
54.7822

■ 63.0886, 42.8813,
77.2700

■ 67.7454, 50.8875,
82.8529

73.3279, 60.7009,
88.8803

79.8880, 72.4252,
95.3708

87.4739, 86.1560,
102.3416

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.



43.5147, 28.5018, 116.5058



54.0678, 28.5018, 62.9733



56.4861, 28.5018, 23.1226

Triad

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



54.0678, 28.5018, 62.9733



24.1650, 28.5018, 0.8884



12.7729, 28.5018, 90.3394

Complementary

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



54.0678, 28.5018, 62.9733



39.5830, 73.2250, 24.1077

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.



10.2150, 28.5018, 40.5699



54.0678, 28.5018, 62.9733



15.4261, 28.5018, 2.7496

Square

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



54.0678, 28.5018, 62.9733



36.6908, 28.5018, 1.3579



11.0199, 28.5018, 12.2710



19.3298, 28.5018, 138.8052

Rectangle

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



54.0678, 28.5018, 62.9733



52.6603, 28.5018, 9.5395



11.0199, 28.5018, 12.2710



11.5190, 28.5018, 72.2088

Sweetspot

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



54.0685, 28.5031, 62.9738



76.3635, 66.1051, 91.9485



24.3596, 12.4320, 95.7235



15.8597, 13.2845, 19.1929



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.



54.0685, 28.5031, 62.9738



51.7543, 25.6909, 56.6032



45.4269, 25.0465, 17.4676



18.6043, 18.2250, 21.7995



26.8529, 13.2305, 28.9395



2.6559, 1.3047, 3.0353

Inverse Universe

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



54.0685, 28.5031, 62.9738



51.7543, 25.6909, 56.6032



47.4813, 76.3844, 65.6999



18.6043, 18.2250, 21.7995



26.8529, 13.2305, 28.9395



2.6559, 1.3047, 3.0353

Previews

White Background



This preview shows how the XYZ color 54.0678, 28.5018, 62.9733 looks on a white background.

Color Contrast Check

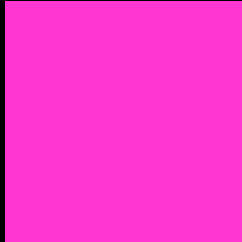
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.0678, 28.5018, 62.9733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

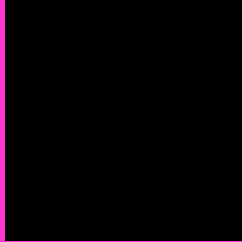
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.0678, 28.5018, 62.9733

Background



This preview shows how black text looks on a background with the XYZ color 54.0678, 28.5018, 62.9733.



This preview shows how white text looks on a background with the XYZ color 54.0678, 28.5018,

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

54.0678, 28.5018, 62.9733

Protanopia

32.2372, 28.8932, 98.4856

Deuteranopia

29.4114, 28.8030, 56.8327



Tritanopia

43.9591, 28.3380, 15.2095

Trichromacy



Original Color

54.0678, 28.5018, 62.9733



Protanomaly

33.9574, 24.0003, 83.7317



Deuteranomaly

34.1316, 24.8160, 58.2494



Tritanomaly

46.5965, 27.6252, 27.6872

Monochromacy



Original Color

54.0678, 28.5018, 62.9733



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

29.4269, 21.7858, 35.9118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0678, 28.5018, 62.9733 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, 54, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 209)  
}
```

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, 54, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 209) }
```

Border

The CSS property to change the border of an element to XYZ 54.0678, 28.5018, 62.9733 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, 54, 209) }
```


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

```
.border{ border-color:rgb(255, 54, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 54, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0678, 28.5018, 62.9733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 209) }
```

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

```
.background{ background-color: rgb(255, 54,  
209) }
```

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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