

Converting Colors

XYZ(53.9647, 29.4652, 59.3413)

Have a look what the booklet for
XYZ(53.9647, 29.4652, 59.3413)
contains.

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Color

**XYZ(53.9677, 29.4682,
59.3434)**

Conversions

Conversions Part 1

Format	Color
Hex	FF42CB
RGB	255, 66, 203
RGB Percent	100%, 26%, 80%
CMY	0.0000, 0.7411, 0.2039
CMYK	0.00, 0.74, 0.20, 0.00
HSL	317°, 100%, 63%
HSV	317°, 74%, 100%
XYZ	53.9677, 29.4682, 59.3434
YIQ	138.1290, 68.6670, 82.6750

Conversions

Conversions Part 2

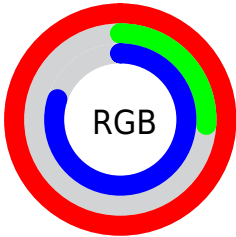
Format	Color
R _Y B	255, 66, 203
Decimal	16728779
CIE Lab	61.19, 81.31, -30.28
CIE LCh	61, 86.761, 339.575
Yxy	29.4682, 0.3780, 0.2064
Android (android.graphics.Color)	4294918859 (0xFFFF42CB)
YUV	138.1290, 31.9814, 102.4959
Hunter-Lab	54.2846, 82.4598, -26.8160

Details

The XYZ color **53.9677, 29.4682, 59.3434** 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 **41.2782, 73.9869, 29.2483**, and the grayscale version is **24.0721, 25.3257, 27.5797**.

A 20% lighter version of the original color is **67.2726, 44.4453, 99.6409**, and **27.6729, 13.6393, 29.6079** is the 20% darker color. If you saturate the color by 10%, you get **51.9782, 26.7971, 54.6479**, and if you desaturate by 10%, it is **56.6599, 33.4839, 64.4604**.

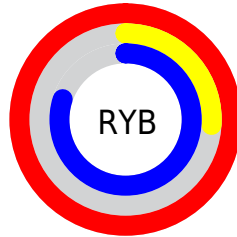
Distribution



Red (100%)

Green (26%)

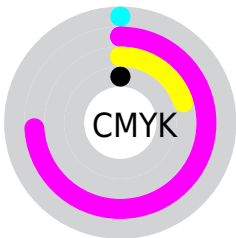
Blue (80%)



Red (100%)

Yellow (26%)

Blue (80%)

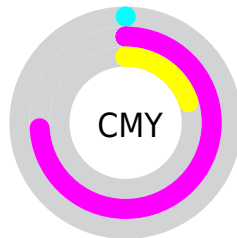


Cyan (0%)

Magenta (74%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9677, 29.4682, 59.3434 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 53.9677, 29.4682, 59.3434 by changing the saturation by 10% instead.


 53.9677, 29.4682,
59.3434

 53.9677, 29.4682,
59.3434

392.1872,
299.4177, 439.9106

 38.8064, 19.4353,
42.4678

 95.1840, 58.8201,
105.4106


 26.7892, 11.9852,
29.1395


 121.9697, 78.9080,
135.4393


 17.5507, 6.7336,
18.9399


 153.3609,
103.1162, 170.6894

 10.7257, 3.2961,
11.4505

 189.7230,
131.8293, 211.5795

 5.9486, 1.2882,
6.2527

 231.4213,
165.4316, 258.5282

 2.8542, 0.1320,
2.9281

278.8212,

 1.0771, 0.0000,

204.3075, 311.9539

1.0580

332.2881,
248.8414, 372.2751

■ 0.0059, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9677, 29.4682,
59.3434

■ 53.9677, 29.4682,
59.3434

■ 51.9782, 26.7971,
54.6479

■ 56.6599, 33.4839,
64.4604

■ 50.5928, 25.2747,
50.3378

■ 60.1313, 38.9967,
70.0259

■ 49.9798, 24.7559,
47.9532

■ 64.4505, 46.1430,
76.0655

■ 69.6778, 55.0427,
82.6016

75.8678, 65.8043,
89.6546

83.0709, 78.5276,
97.2436

91.3336, 93.3051,
105.3862

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.



44.4149, 29.4682, 108.8257



53.9677, 29.4682, 59.3434



55.6450, 29.4682, 22.7388

Triad

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



53.9677, 29.4682, 59.3434



24.5198, 29.4682, 1.4622



14.2873, 29.4682, 90.9648

Complementary

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



53.9677, 29.4682, 59.3434



41.2782, 73.9869, 29.2483

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.



11.4826, 29.4682, 43.6967



53.9677, 29.4682, 59.3434



16.2403, 29.4682, 3.9516

Square

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



53.9677, 29.4682, 59.3434



36.3717, 29.4682, 1.8900



12.0846, 29.4682, 14.7917



21.0371, 29.4682, 134.1302

Rectangle

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



53.9677, 29.4682, 59.3434



51.7124, 29.4682, 10.0110



12.0846, 29.4682, 14.7917



12.9478, 29.4682, 74.0908

Sweetspot

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



53.9684, 29.4696, 59.3439



77.3039, 68.3262, 91.2130



27.2558, 14.8588, 96.0392



16.1535, 13.9353, 19.0962



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.



53.9684, 29.4696, 59.3439



51.2325, 25.9233, 52.4959



46.0093, 26.2859, 17.4317



18.5669, 18.2101, 21.6024



26.1819, 12.9620, 25.4059



2.5954, 1.2805, 2.7168

Inverse Universe

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



53.9684, 29.4696, 59.3439



51.2325, 25.9233, 52.4959



49.7532, 77.3769, 73.8770



18.5669, 18.2101, 21.6024



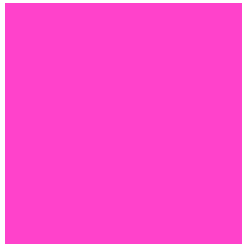
26.1819, 12.9620, 25.4059



2.5954, 1.2805, 2.7168

Previews

White Background



This preview shows how the XYZ color 53.9677, 29.4682, 59.3434 looks on a white background.

Color Contrast Check

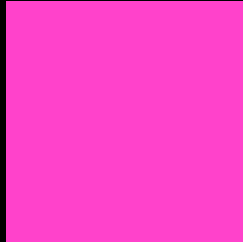
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.9677, 29.4682, 59.3434 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 53.9677, 29.4682, 59.3434

Background



This preview shows how black text looks on a background with the XYZ color 53.9677, 29.4682, 59.3434.



This preview shows how white text looks on a background with the XYZ color 53.9677, 29.4682,

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

53.9677, 29.4682, 59.3434

Protanopia

33.1688, 29.8192, 98.6152

Deuteranopia

30.2873, 29.5455, 53.9757



Tritanopia

44.8724, 29.3277, 16.3925

Trichromacy



Original Color

53.9677, 29.4682, 59.3434



Protanomaly

35.0960, 25.6148, 82.4513



Deuteranomaly

35.2653, 26.3001, 55.4423



Tritanomaly

47.1283, 28.6888, 27.8645

Monochromacy



Original Color

53.9677, 29.4682, 59.3434



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

31.3718, 24.0207, 37.1654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9677, 29.4682, 59.3434 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, 66, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 203)  
}
```

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, 66, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.9677, 29.4682, 59.3434 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, 66, 203) }
```


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

```
.border{ border-color:rgb(255, 66, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9677, 29.4682, 59.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 203) }
```

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

```
.background{ background-color: rgb(255, 66,  
203) }
```

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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