

Converting Colors

XYZ(54.1572, 29.9637, 59.0477)

Have a look what the booklet for
XYZ(54.1572, 29.9637, 59.0477)
contains.

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Color

**XYZ(54.0908, 29.9046,
58.7984)**

Conversions

Conversions Part 1

Format	Color
Hex	FF46CA
RGB	255, 70, 202
RGB Percent	100%, 27%, 79%
CMY	0.0000, 0.7254, 0.2078
CMYK	0.00, 0.73, 0.21, 0.00
HSL	317°, 100%, 64%
HSV	317°, 73%, 100%
XYZ	54.0908, 29.9046, 58.7984
YIQ	140.3630, 67.8880, 80.2720

Conversions

Conversions Part 2

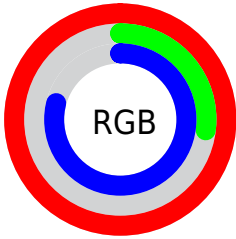
Format	Color
RYB	255, 70, 202
Decimal	16729802
CIELab	61.57, 79.99, -29.12
CIELCh	62, 85.123, 339.994
Yxy	29.9046, 0.3788, 0.2094
Android (android.graphics.Color)	4294919882 (0xFFFF46CA)
YUV	140.3630, 30.3870, 100.5366
Hunter-Lab	54.6851, 80.8612, -25.4701

Details

The XYZ color **54.0908, 29.9046, 58.7984** 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 **41.8624, 74.2529, 30.8683**, and the grayscale version is **24.9373, 26.2360, 28.5710**.

A 20% lighter version of the original color is **67.6775, 45.2551, 99.7758**, and **27.5934, 13.6075, 29.1891** is the 20% darker color. If you saturate the color by 10%, you get **51.9757, 27.0260, 53.9261**, and if you desaturate by 10%, it is **56.9250, 34.1555, 64.1130**.

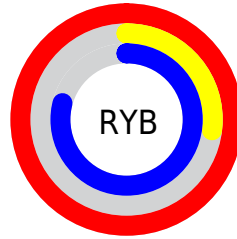
Distribution



Red (100%)

Green (27%)

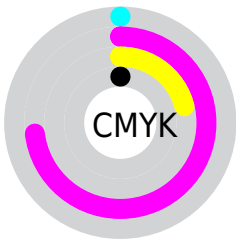
Blue (79%)



Red (100%)

Yellow (27%)

Blue (79%)

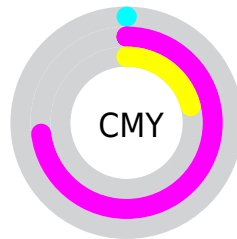


Cyan (0%)

Magenta (73%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0908, 29.9046, 58.7984 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 54.0908, 29.9046, 58.7984 by changing the saturation by 10% instead.


 54.0908, 29.9046,
58.7984


 54.0908, 29.9046,
58.7984

392.6489,
301.4595, 437.8355


 38.9052, 19.7662,
42.0319


 95.3637, 59.5113,
104.6108

 26.8664, 12.2252,
28.8005


 122.1817, 79.7483,
134.4939

 17.6090, 6.8972,
18.6857


 153.6078,
104.1204, 169.5862

 10.7676, 3.3979,
11.2689

 190.0075,
133.0118, 210.3063

 5.9769, 1.3428,
6.1315

231.7461,
166.8071, 257.0727

 2.8716, 0.1740,
2.8552

279.1890,

 1.0862, 0.0000,

205.8905, 310.3040

1.0212

332.7015,
250.6465, 370.4188

■ 0.0135, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0908, 29.9046,
58.7984

■ 54.0908, 29.9046,
58.7984

■ 51.9757, 27.0260,
53.9261

■ 56.9250, 34.1555,
64.1130


■ 50.4844, 25.3307,
49.4608


■ 60.5527, 39.9271,
69.8966


■ 49.6775, 24.6350,
46.3614

■ 65.0413, 47.3532,
76.1747

■ 70.4501, 56.5516,
82.9695

 76.8331, 67.6294,
90.3016

 84.2400, 80.6852,
98.1901

 92.7170, 95.8106,
106.6529

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.



44.7831, 29.9046, 107.1902



54.0908, 29.9046, 58.7984



55.6106, 29.9046, 22.9193

Triad

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



54.0908, 29.9046, 58.7984



24.8200, 29.9046, 1.6925



14.8252, 29.9046, 91.0930

Complementary

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



54.0908, 29.9046, 58.7984



41.8624, 74.2529, 30.8683

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.



11.9566, 29.9046, 44.5863



54.0908, 29.9046, 58.7984



16.6296, 29.9046, 4.3806

Square

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



54.0908, 29.9046, 58.7984



36.5159, 29.9046, 2.1145



12.5156, 29.9046, 15.5864



21.6247, 29.9046, 132.8840

Rectangle

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



54.0908, 29.9046, 58.7984



51.6747, 29.9046, 10.3210



12.5156, 29.9046, 15.5864



13.4630, 29.9046, 74.5788

Sweetspot

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



54.0916, 29.9060, 58.7989



77.2097, 68.2885, 90.7166



28.3272, 15.7704, 96.1587



16.1311, 13.9264, 18.9782



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.



54.0916, 29.9060, 58.7989



51.2405, 26.1370, 51.8886



46.2504, 26.7695, 17.5076



18.5577, 18.2064, 21.5542



26.0253, 12.8994, 24.5812



2.5812, 1.2748, 2.6419

Inverse Universe

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



54.0916, 29.9060, 58.7989



51.2405, 26.1370, 51.8886



50.5420, 77.7247, 76.5740



18.5577, 18.2064, 21.5542



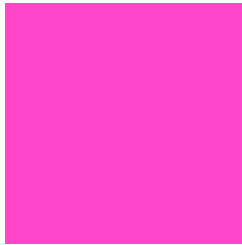
26.0253, 12.8994, 24.5812



2.5812, 1.2748, 2.6419

Previews

White Background



This preview shows how the XYZ color 54.0908, 29.9046, 58.7984 looks on a white background.

Color Contrast Check

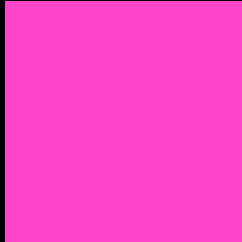
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.0908, 29.9046, 58.7984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

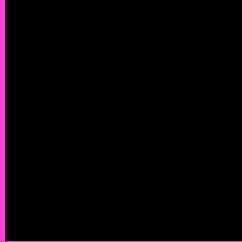
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.0908, 29.9046, 58.7984

Background



This preview shows how black text looks on a background with the XYZ color 54.0908, 29.9046, 58.7984.



This preview shows how white text looks on a background with the XYZ color 54.0908, 29.9046,

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

54.0908, 29.9046, 58.7984

Protanopia

33.5422, 30.2375, 98.6763

Deuteranopia

30.6674, 29.9821, 53.4610



Tritanopia

45.5165, 29.9291, 17.0136

Trichromacy



Original Color

54.0908, 29.9046, 58.7984



Protanomaly

35.5234, 26.1811, 82.5380



Deuteranomaly

35.6202, 26.8421, 54.9334



Tritanomaly

47.8044, 29.3918, 28.3529

Monochromacy



Original Color

54.0908, 29.9046, 58.7984



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

32.0330, 24.8509, 37.7587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0908, 29.9046, 58.7984 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, 70, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 202)  
}
```

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, 70, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 202) }
```

Border

The CSS property to change the border of an element to XYZ 54.0908, 29.9046, 58.7984 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, 70, 202) }
```


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

```
.border{ border-color:rgb(255, 70, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 70, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0908, 29.9046, 58.7984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 202) }
```

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

```
.background{ background-color: rgb(255, 70,  
202) }
```

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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