

Converting Colors

XYZ(54.6169, 29.1455, 89.6976)

Have a look what the booklet for
XYZ(54.6169, 29.1455, 89.6976)
contains.

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Color

**XYZ(54.5179, 29.0755,
89.9275)**

Conversions

Conversions Part 1

Format	Color
Hex	F042F6
RGB	240, 66, 246
RGB Percent	94%, 26%, 96%
CMY	0.0588, 0.7411, 0.0353
CMYK	0.02, 0.73, 0.00, 0.04
HSL	298°, 91%, 61%
HSV	298°, 73%, 96%
XYZ	54.5179, 29.0755, 89.9275
YIQ	138.5460, 45.9240, 92.8680

Conversions

Conversions Part 2

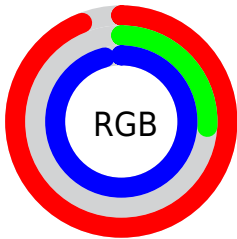
Format	Color
R _{YB}	240, 66, 246
Decimal	15745782
CIE _{Lab}	60.85, 84.19, -55.15
CIE _{LCh}	61, 100.648, 326.774
Yxy	29.0755, 0.3142, 0.1676
Android (android.graphics.Color)	4293935862 (0xFFFF042F6)
YUV	138.5460, 52.9748, 88.9752
Hunter-Lab	53.9217, 86.1106, -61.1352

Details

The XYZ color **54.5179, 29.0755, 89.9275** 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 **36.6126, 67.6833, 16.2901**, and the grayscale version is **24.1593, 25.4174, 27.6796**.

A 20% lighter version of the original color is **67.2726, 44.4453, 99.6409**, and **28.0077, 13.3774, 49.2500** is the 20% darker color. If you saturate the color by 10%, you get **53.0997, 26.6505, 89.5346**, and if you desaturate by 10%, it is **56.5570, 32.7386, 90.5275**.

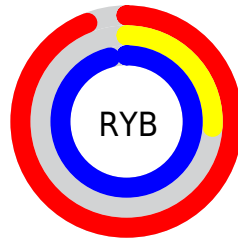
Distribution



Red (94%)

Green (26%)

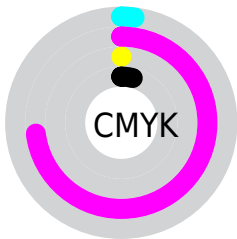
Blue (96%)



Red (94%)

Yellow (26%)

Blue (96%)

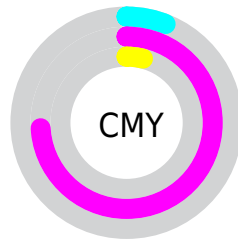


Cyan (2%)

Magenta (73%)

Yellow (0%)

Black (4%)



Cyan (6%)


Magenta (74%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5179, 29.0755, 89.9275 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 54.5179, 29.0755, 89.9275 by changing the saturation by 10% instead.


 54.5179, 29.0755,
89.9275


 54.5179, 29.0755,
89.9275


394.2481,
297.5710, 548.3590


 39.2482, 19.1379,
67.3471


 95.9867, 58.1970,
149.1723


 27.1344, 11.7700,
48.9034


 122.9165, 78.1498,
186.6739


 17.8113, 6.5873,
34.1778


 154.4637,
102.2097, 229.9862

 10.9135, 3.2053,
22.7518

 190.9936,
130.7612, 279.5279

 6.0755, 1.2399,
14.2067

 232.8717,
164.1887, 335.7175

 2.9322, 0.0939,
8.1242

280.4632,

 1.1180, 0.0000,

202.8766, 398.9735

4.0856

334.1335,
247.2092, 469.7145

■ 0.0401, 0.0000,
1.6724

■ 0.0000, 0.0000,
0.3417

■ 54.5179, 29.0755,
89.9275

■ 54.5179, 29.0755,
89.9275

■ 53.0997, 26.6505,
89.5346

■ 56.5570, 32.7386,
90.5275


■ 52.2136, 25.2887,
89.3184


■ 59.2841, 37.7768,
91.3562


■ 51.8279, 24.7967,
89.2438

■ 62.7613, 44.3131,
92.4346


■ 67.0426, 52.4561,
93.7807

 72.1774, 62.3040,
95.4109

 78.2109, 73.9475,
97.3403

 85.1852, 87.4706,
99.5830

 90.5977, 97.8682,
101.3046

 90.8868, 98.0173,
101.3182

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.6072, 29.0755, 149.6265



54.5179, 29.0755, 89.9275



61.1881, 29.0755, 35.8947

Triad

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



54.5179, 29.0755, 89.9275



29.0775, 29.0755, 0.3092



10.6944, 29.0755, 76.5465

Complementary

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



54.5179, 29.0755, 89.9275



36.6126, 67.6833, 16.2901

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.



9.3428, 29.0755, 27.7690



54.5179, 29.0755, 89.9275



17.7700, 29.0755, 1.0551

Square

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



54.5179, 29.0755, 89.9275



43.8645, 29.0755, 1.5339



11.4651, 29.0755, 6.2980



16.0027, 29.0755, 138.4801

Rectangle

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



54.5179, 29.0755, 89.9275



59.4518, 29.0755, 15.0685



11.4651, 29.0755, 6.2980



9.8525, 29.0755, 57.3766

Sweetspot

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



54.5191, 29.0768, 89.9281



79.0059, 68.9279, 103.7481



21.1999, 12.4482, 88.4746



16.5599, 14.0789, 22.0946



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.



54.5191, 29.0768, 89.9281



57.0714, 28.0482, 97.0136



46.4769, 26.0991, 36.7724



17.1558, 16.7385, 20.8692



27.6887, 13.2484, 47.6359



2.4504, 1.1731, 4.1875

Inverse Universe

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



41.1249, 23.9583, 8.5891



42.0707, 22.3597, 3.9389



40.7087, 69.2725, 40.0816



16.5215, 16.4915, 17.2269



20.3202, 10.4715, 1.1284



1.7937, 0.9234, 0.1398

Previews

White Background



This preview shows how the XYZ color 54.5179, 29.0755, 89.9275 looks on a white background.

Color Contrast Check

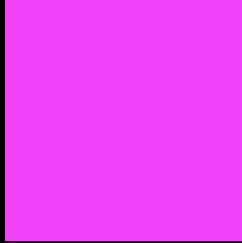
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.5179, 29.0755, 89.9275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

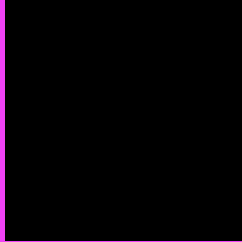
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.5179, 29.0755, 89.9275

Background



This preview shows how black text looks on a background with the XYZ color 54.5179, 29.0755, 89.9275.



This preview shows how white text looks on a background with the XYZ color 54.5179, 29.0755,

89.9275.

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

54.5179, 29.0755, 89.9275

Protanopia

32.7426, 29.5994, 98.5953

Deuteranopia

30.1787, 29.3473, 81.1648



Tritanopia

40.0656, 28.7083, 20.8823

Trichromacy



Original Color

54.5179, 29.0755, 89.9275



Protanomaly

36.0288, 25.8150, 95.1793



Deuteranomaly

34.4887, 25.6139, 84.0152



Tritanomaly

43.5169, 27.7240, 38.6550

Monochromacy



Original Color

54.5179, 29.0755, 89.9275



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

31.7345, 24.0328, 45.0857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5179, 29.0755, 89.9275 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(240, 66, 246)` looks like.

```
.text, #text, p{  
    color:rgb(240, 66, 246)  
}
```

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(240, 66, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 66, 246) }
```

Border

The CSS property to change the border of an element to XYZ 54.5179, 29.0755, 89.9275 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(240, 66, 246) }
```


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

```
.border{ border-color:rgb(240, 66, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 66, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 66, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 66, 246);  
box-shadow:4px 4px 4px 4px rgb(240, 66,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5179, 29.0755, 89.9275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 66, 246) }
```

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

```
.background{ background-color: rgb(240, 66,  
246) }
```

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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