

Converting Colors

XYZ(54.3163, 28.8071, 81.4074)

Have a look what the booklet for
XYZ(54.3163, 28.8071, 81.4074)
contains.

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Color

**XYZ(54.3742, 28.8559,
81.3012)**

Conversions

Conversions Part 1

Format	Color
Hex	F53EEB
RGB	245, 62, 235
RGB Percent	96%, 24%, 92%
CMY	0.0392, 0.7568, 0.0784
CMYK	0.00, 0.75, 0.04, 0.04
HSL	303°, 90%, 60%
HSV	303°, 75%, 96%
XYZ	54.3742, 28.8559, 81.3012
YIQ	136.4390, 53.5350, 92.5990

Conversions

Conversions Part 2

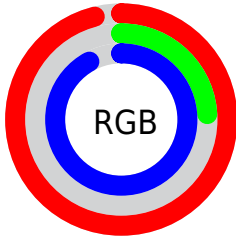
Format	Color
R _Y B	245, 62, 235
Decimal	16072427
CIE Lab	60.65, 84.66, -49.28
CIE LCh	61, 97.962, 329.797
Yxy	28.8559, 0.3305, 0.1754
Android (android.graphics.Color)	4294262507 (0xFFFF53EEB)
YUV	136.4390, 48.5906, 95.2080
Hunter-Lab	53.7177, 86.6756, -52.1325

Details

The XYZ color **54.3742, 28.8559, 81.3012** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **35.8101, 66.7981, 17.1387**, and the grayscale version is **23.3777, 24.5951, 26.7841**.

A 20% lighter version of the original color is **66.8794, 43.6587, 99.5098**, and **27.8030, 13.4047, 43.2415** is the 20% darker color. If you saturate the color by 10%, you get **53.1369, 26.6889, 79.9381**, and if you desaturate by 10%, it is **56.2150, 32.2260, 82.8731**.

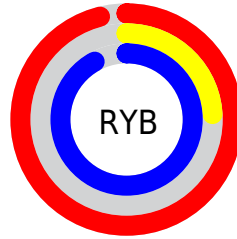
Distribution



Red (96%)

Green (24%)

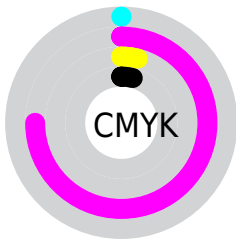
Blue (92%)



Red (96%)

Yellow (24%)

Blue (92%)

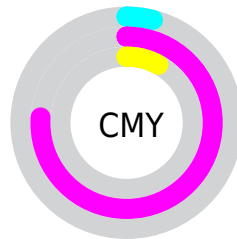


Cyan (0%)

Magenta (75%)

Yellow (4%)

Black (4%)



Cyan (4%)


Magenta (76%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3742, 28.8559, 81.3012 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 54.3742, 28.8559, 81.3012 by changing the saturation by 10% instead.


 54.3742, 28.8559,
81.3012


 54.3742, 28.8559,
81.3012

393.7105,
296.5345, 519.1292


 39.1328, 18.9718,
60.2572

 95.7771, 57.8481,
137.0215

 27.0442, 11.6499,
43.1994


 122.6693, 77.7249,
172.5349


 17.7432, 6.5058,
29.7090


 154.1759,
101.7016, 213.7085

 10.8643, 3.1550,
19.3676

 190.6620,
130.1623, 260.9610

 6.0423, 1.2132,
11.7567

 232.4932,
163.4916, 314.7107

 2.9117, 0.0724,
6.4577

280.0348,

 1.1073, 0.0000,

202.0738, 375.3763

3.0521

333.6521,
246.2933, 443.3763

■ 0.0312, 0.0000,
1.1213

■ 0.0000, 0.0000,
0.0000

■ 54.3742, 28.8559,
81.3012

■ 54.3742, 28.8559,
81.3012

■ 53.1369, 26.6889,
79.9381

■ 56.2150, 32.2260,
82.8731


■ 52.4121, 25.5454,
78.7527


■ 58.7276, 36.9380,
84.6759


■ 52.1670, 25.2169,
78.1728


■ 61.9746, 43.1165,
86.7308


■ 66.0105, 50.8705,
89.0558

 70.8847, 60.2988,
91.6675

 76.6427, 71.4922,
94.5811

 83.3264, 84.5347,
97.8105

 90.0071, 97.5689,
101.0462

 90.2131, 97.6513,
102.1310

Harmonies

Analogous

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



41.4232, 28.8559, 139.4087



54.3742, 28.8559, 81.3012



59.7695, 28.8559, 31.6673

Triad

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



54.3742, 28.8559, 81.3012



27.5132, 28.8559, 0.4624



11.2364, 28.8559, 80.4960

Complementary

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



54.3742, 28.8559, 81.3012



35.8101, 66.7981, 17.1387

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.



9.5496, 28.8559, 31.1724



54.3742, 28.8559, 81.3012



17.0023, 28.8559, 1.4268

Square

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



54.3742, 28.8559, 81.3012



41.6205, 28.8559, 1.4585



11.2841, 28.8559, 7.7488



16.8938, 28.8559, 138.7416

Rectangle

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



54.3742, 28.8559, 81.3012



57.3788, 28.8559, 13.1996



11.2841, 28.8559, 7.7488



10.2810, 28.8559, 61.5198

Sweetspot

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



54.3753, 28.8573, 81.3018



79.2007, 69.0849, 101.2011



20.8151, 11.3847, 87.4876



16.6068, 14.1166, 21.4829



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.



54.3753, 28.8573, 81.3018



57.6942, 28.4152, 86.8089



44.4411, 24.8836, 28.9892



17.1722, 16.7517, 20.6534



28.1203, 13.5916, 42.2035



2.4833, 1.1993, 3.7712

Inverse Universe

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



54.3753, 28.8573, 81.3018



57.6942, 28.4152, 86.8089



41.2201, 68.9621, 45.6271



17.1722, 16.7517, 20.6534



28.1203, 13.5916, 42.2035



2.4833, 1.1993, 3.7712

Previews

White Background



This preview shows how the XYZ color 54.3742, 28.8559, 81.3012 looks on a white background.

Color Contrast Check

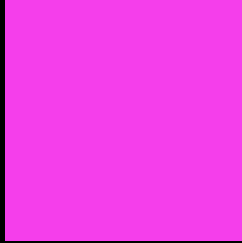
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.3742, 28.8559, 81.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

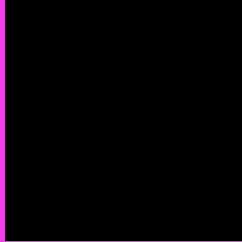
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.3742, 28.8559, 81.3012

Background



This preview shows how black text looks on a background with the XYZ color 54.3742, 28.8559, 81.3012.



This preview shows how white text looks on a background with the XYZ color 54.3742, 28.8559,

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

54.3742, 28.8559, 81.3012

Protanopia

32.4886, 29.2446, 98.5402

Deuteranopia

30.0286, 29.2005, 73.8656



Tritanopia

41.4134, 28.6561, 18.9712

Trichromacy



Original Color

54.3742, 28.8559, 81.3012



Protanomaly

35.3550, 25.2015, 91.8079



Deuteranomaly

34.2939, 25.1784, 75.7255



Tritanomaly

44.6670, 27.7512, 34.9006

Monochromacy



Original Color

54.3742, 28.8559, 81.3012



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

30.8195, 23.1459, 41.8730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3742, 28.8559, 81.3012 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(245, 62, 235)` looks like.

```
.text, #text, p{  
    color:rgb(245, 62, 235)  
}
```

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(245, 62, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 62, 235) }
```

Border

The CSS property to change the border of an element to XYZ 54.3742, 28.8559, 81.3012 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(245, 62, 235) }
```


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

```
.border{ border-color:rgb(245, 62, 235) }
```

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

Here you see how a box with a 4 pixel rgb(245, 62, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 62, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 62, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 62,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3742, 28.8559, 81.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 62, 235) }
```

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

```
.background{ background-color: rgb(245, 62,  
235) }
```

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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