

Converting Colors

XYZ(54.6536, 28.3536, 93.0347)

Have a look what the booklet for
XYZ(54.6536, 28.3536, 93.0347)
contains.

XYZ(54.6536, 28.3536, 93.0347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.6536, 28.3536,
93.0347)**

Conversions

Conversions Part 1

Format	Color
Hex	F039FA
RGB	240, 57, 250
RGB Percent	94%, 22%, 98%
CMY	0.0588, 0.7764, 0.0196
CMYK	0.04, 0.77, 0.00, 0.02
HSL	297°, 95%, 60%
HSV	297°, 77%, 98%
XYZ	54.6536, 28.3536, 93.0347
YIQ	133.7190, 47.1150, 98.8190

Conversions

Conversions Part 2

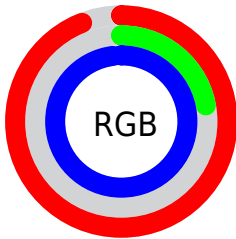
Format	Color
R _Y B	240, 57, 250
Decimal	15743482
CIE _{Lab}	60.21, 87.30, -58.39
CIE _{LCh}	60, 105.030, 326.223
Yxy	28.3536, 0.3105, 0.1611
Android (android.graphics.Color)	4293933562 (0xFFFF039FA)
YUV	133.7190, 57.3265, 93.2084
Hunter-Lab	53.2481, 90.0274, -66.3174

Details

The XYZ color **54.6536, 28.3536, 93.0347** 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 **37.2398, 69.8606, 15.3938**, and the grayscale version is **22.3435, 23.5071, 25.5992**.

A 20% lighter version of the original color is **66.4977, 42.8953, 99.3826**, and **28.2160, 13.4340, 51.5579** is the 20% darker color. If you saturate the color by 10%, you get **53.2698, 26.2353, 92.6992**, and if you desaturate by 10%, it is **56.6505, 31.6912, 93.5741**.

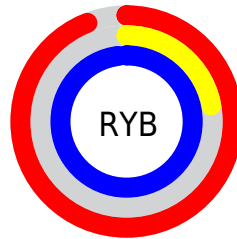
Distribution



Red (94%)

Green (22%)

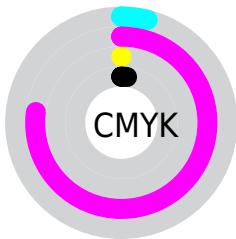
Blue (98%)



Red (94%)

Yellow (22%)

Blue (98%)

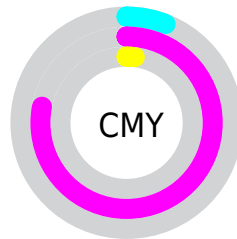


Cyan (4%)

Magenta (77%)

Yellow (0%)

Black (2%)



Cyan (6%)


Magenta (78%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6536, 28.3536, 93.0347 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 54.6536, 28.3536, 93.0347 by changing the saturation by 10% instead.


 54.6536, 28.3536,
93.0347

 54.6536, 28.3536,
93.0347

394.7553,
294.1527, 558.6768


 39.3572, 18.5924,
69.9125


 96.1845, 57.0485,
153.5188


 27.2197, 11.3761,
50.9789


 123.1498, 76.7509,
191.7177


 17.8757, 6.3204,
35.8152


 154.7353,
100.5359, 235.7794

 10.9599, 3.0409,
24.0029

 191.3065,
128.7879, 286.1223

 6.1070, 1.1531,
15.1236

 233.2288,
161.8911, 343.1649

 2.9515, 0.0229,
8.7586

280.8674,

 1.1282, 0.0000,

200.2301, 407.3258

4.4894

334.5878,
244.1891, 479.0236

■ 0.0485, 0.0000,
1.8975

■ 0.0000, 0.0000,
0.4911

■ 54.6536, 28.3536,
93.0347

■ 54.6536, 28.3536,
93.0347

■ 53.2698, 26.2353,
92.6992

■ 56.6505, 31.6912,
93.5741

■ 52.3940, 25.1297,
92.5319

■ 59.3356, 36.4016,
94.3418

■ 52.1966, 24.9150,
92.5009

■ 62.7771, 42.6201,
95.3607

■ 67.0339, 50.4645,
96.6504

72.1591, 60.0412,
98.2288

78.2015, 71.4473,
100.1119

85.2059, 84.7729,
102.3148

92.5702, 98.8134,
104.6368

93.0368, 99.0540,
104.6586

Harmonies

Analogous

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



40.0619, 28.3536, 156.2978



54.6536, 28.3536, 93.0347



61.8491, 28.3536, 36.0101

Triad

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



54.6536, 28.3536, 93.0347



28.6881, 28.3536, 0.0000



9.7748, 28.3536, 76.5017

Complementary

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



54.6536, 28.3536, 93.0347



37.2398, 69.8606, 15.3938

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.



8.5091, 28.3536, 26.2479



54.6536, 28.3536, 93.0347



17.0644, 28.3536, 0.6701

Square

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



54.6536, 28.3536, 93.0347



44.0275, 28.3536, 1.1664



10.6667, 28.3536, 5.2944



14.9807, 28.3536, 142.3560

Rectangle

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



54.6536, 28.3536, 93.0347



60.1712, 28.3536, 14.4637



10.6667, 28.3536, 5.2944



8.9684, 28.3536, 56.5194

Sweetspot

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



54.6548, 28.3549, 93.0353



77.9999, 67.5462, 103.5344



21.1256, 12.1370, 91.6721



16.2260, 13.5742, 22.0148



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.



54.6548, 28.3549, 93.0353



55.1272, 26.6515, 96.8465



47.8051, 26.0180, 38.7574



17.8990, 17.4761, 21.8151



27.7255, 13.2357, 49.0670



2.5943, 1.2395, 4.5457

Inverse Universe

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



41.9014, 23.6566, 7.6691



41.6900, 21.7822, 3.2445



40.6545, 71.1540, 36.6499



17.2811, 17.2398, 18.0698



20.9655, 10.8019, 1.2607



1.9542, 1.0054, 0.1821

Previews

White Background



This preview shows how the XYZ color 54.6536, 28.3536, 93.0347 looks on a white background.

Color Contrast Check

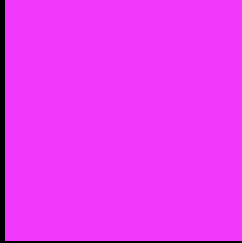
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.6536, 28.3536, 93.0347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

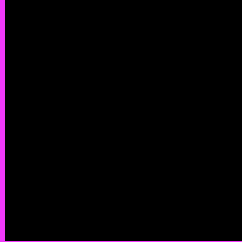
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.6536, 28.3536, 93.0347

Background



This preview shows how black text looks on a background with the XYZ color 54.6536, 28.3536, 93.0347.



This preview shows how white text looks on a background with the XYZ color 54.6536, 28.3536,

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

54.6536, 28.3536, 93.0347

Protanopia

32.0374, 28.7901, 98.4762

Deuteranopia

29.6848, 28.7960, 84.1144



Tritanopia

39.3615, 28.0455, 19.8617

Trichromacy



Original Color

54.6536, 28.3536, 93.0347



Protanomaly

35.0911, 24.4805, 95.8042



Deuteranomaly

33.5459, 24.3747, 86.9411



Tritanomaly

43.0808, 26.8519, 38.5096

Monochromacy



Original Color

54.6536, 28.3536, 93.0347



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

30.2241, 22.3269, 43.7908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6536, 28.3536, 93.0347 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, 57, 250)` looks like.

```
.text, #text, p{  
    color:rgb(240, 57, 250)  
}
```

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, 57, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 57, 250) }
```

Border

The CSS property to change the border of an element to XYZ 54.6536, 28.3536, 93.0347 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, 57, 250) }
```


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

```
.border{ border-color:rgb(240, 57, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 57, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 57, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 57, 250);  
box-shadow:4px 4px 4px 4px rgb(240, 57,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6536, 28.3536, 93.0347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 57, 250) }
```

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

```
.background{ background-color: rgb(240, 57,  
250) }
```

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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