

Converting Colors

XYZ(54.3495, 28.2345, 94.6818)

Have a look what the booklet for
XYZ(54.3495, 28.2345, 94.6818)
contains.

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Color

**XYZ(54.3436, 28.2315,
94.6805)**

Conversions

Conversions Part 1

Format	Color
Hex	EE3AFC
RGB	238, 58, 252
RGB Percent	93%, 23%, 99%
CMY	0.0667, 0.7725, 0.0118
CMYK	0.06, 0.77, 0.00, 0.01
HSL	296°, 97%, 61%
HSV	296°, 77%, 99%
XYZ	54.3436, 28.2315, 94.6805
YIQ	133.9360, 45.0060, 98.4940

Conversions

Conversions Part 2

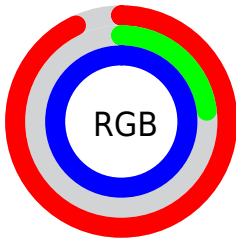
Format	Color
R _Y B	238, 58, 252
Decimal	15612668
CIE Lab	60.10, 86.99, -59.69
CIE LCh	60, 105.499, 325.541
Yxy	28.2315, 0.3066, 0.1593
Android (android.graphics.Color)	4293802748 (0xFFEE3AFC)
YUV	133.9360, 58.2056, 91.2641
Hunter-Lab	53.1333, 89.5826, -68.4580

Details

The XYZ color **54.3436, 28.2315, 94.6805** 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 **38.2476, 71.3047, 15.7515**, and the grayscale version is **22.4201, 23.5877, 25.6870**.

A 20% lighter version of the original color is **66.6236, 43.1472, 99.4245**, and **27.8691, 13.2422, 52.1261** is the 20% darker color. If you saturate the color by 10%, you get **52.7623, 25.9697, 94.3277**, and if you desaturate by 10%, it is **56.5542, 31.7406, 95.2417**.

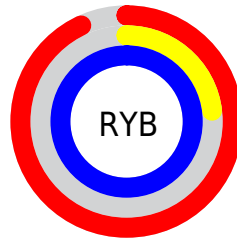
Distribution



Red (93%)

Green (23%)

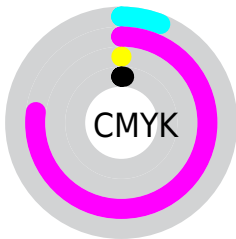
Blue (99%)



Red (93%)

Yellow (23%)

Blue (99%)

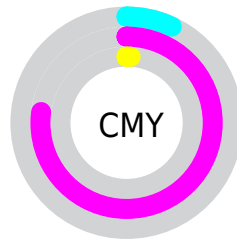


Cyan (6%)

Magenta (77%)

Yellow (0%)

Black (1%)



Cyan (7%)


Magenta (77%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3436, 28.2315, 94.6805 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 54.3436, 28.2315, 94.6805 by changing the saturation by 10% instead.


 54.3436, 28.2315,
94.6805


 54.3436, 28.2315,
94.6805

393.5959,
293.5715, 564.0998


 39.1082, 18.5002,
71.2737


 95.7325, 56.8538,
155.8149


 27.0250, 11.3097,
52.0824


 122.6167, 76.5137,
194.3796


 17.7287, 6.2756,
36.6880

 154.1146,
100.2519, 238.8339

 10.8539, 3.0134,
24.6721

 190.5914,
128.4528, 289.5965

 6.0352, 1.1387,
15.6162

 232.4126,
161.5008, 347.0858

 2.9074, 0.0108,
9.1016

279.9435,

 1.1050, 0.0000,

199.7803, 411.7204

4.7098

333.5495,
243.6757, 483.9189

■ 0.0293, 0.0000,
2.0223

■ 0.0000, 0.0000,
0.5689

■ 54.3436, 28.2315,
94.6805

■ 54.3436, 28.2315,
94.6805

■ 52.7623, 25.9697,
94.3277

■ 56.5542, 31.7406,
95.2417

■ 51.7050, 24.7477,
94.1475

■ 59.4706, 36.6533,
96.0362

■ 51.4420, 24.4896,
94.1116

■ 63.1621, 43.1067,
97.0873

■ 67.6885, 51.2210,
98.4150

73.1041, 61.1043,
100.0372

79.4584, 72.8556,
101.9705

86.7971, 86.5665,
104.2302

93.6750, 99.3465,
106.3345

94.3387, 99.6887,
106.3656

Harmonies

Analogous

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



39.6160, 28.2315, 157.9256



54.3436, 28.2315, 94.6805



61.8086, 28.2315, 36.8729

Triad

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



54.3436, 28.2315, 94.6805



28.8971, 28.2315, 0.0000



9.5955, 28.2315, 75.0743

Complementary

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



54.3436, 28.2315, 94.6805



38.2476, 71.3047, 15.7515

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.



8.4125, 28.2315, 25.3267



54.3436, 28.2315, 94.6805



17.1465, 28.2315, 0.5891

Square

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



54.3436, 28.2315, 94.6805



44.3112, 28.2315, 1.1765



10.6459, 28.2315, 4.9767



14.6875, 28.2315, 141.3735

Rectangle

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



54.3436, 28.2315, 94.6805



60.3067, 28.2315, 14.8452



10.6459, 28.2315, 4.9767



8.8196, 28.2315, 55.1933

Sweetspot

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



54.3448, 28.2328, 94.6811



77.5690, 67.3241, 103.5143



21.7767, 12.8490, 93.4283



16.1196, 13.5193, 22.0098



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.



54.3448, 28.2328, 94.6811



53.5910, 25.9240, 96.7870



49.0255, 26.6693, 41.1772



17.8621, 17.4571, 21.8134



26.8506, 12.7847, 49.0261



2.5227, 1.2026, 4.5423

Inverse Universe

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



42.8285, 24.1905, 8.5441



41.8364, 21.9102, 3.8015



41.2044, 72.3803, 36.1634



17.2954, 17.2455, 18.1454



20.9886, 10.8112, 1.3825



1.9610, 1.0081, 0.2181

Previews

White Background



This preview shows how the XYZ color 54.3436, 28.2315, 94.6805 looks on a white background.

Color Contrast Check

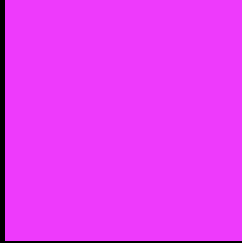
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.3436, 28.2315, 94.6805 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 54.3436, 28.2315, 94.6805

Background



This preview shows how black text looks on a background with the XYZ color 54.3436, 28.2315, 94.6805.



This preview shows how white text looks on a background with the XYZ color 54.3436, 28.2315,

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

54.3436, 28.2315, 94.6805

Protanopia

31.9395, 28.7397, 98.4717

Deuteranopia

29.6052, 28.7211, 85.6447



Tritanopia

38.9701, 27.9895, 20.4881

Trichromacy



Original Color

54.3436, 28.2315, 94.6805



Protanomaly

35.0754, 24.4539, 96.6373



Deuteranomaly

33.3310, 24.2290, 88.5079



Tritanomaly

42.7110, 26.7662, 39.4745

Monochromacy



Original Color

54.3436, 28.2315, 94.6805



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

30.1031, 22.2530, 44.3036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3436, 28.2315, 94.6805 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(238, 58, 252)` looks like.

```
.text, #text, p{  
    color:rgb(238, 58, 252)  
}
```

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(238, 58, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 58, 252) }
```

Border

The CSS property to change the border of an element to XYZ 54.3436, 28.2315, 94.6805 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(238, 58, 252) }
```


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

```
.border{ border-color:rgb(238, 58, 252) }
```

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

Here you see how a box with a 4 pixel rgb(238, 58, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 58, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 58, 252);  
box-shadow:4px 4px 4px 4px rgb(238, 58,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3436, 28.2315, 94.6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 58, 252) }
```

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

```
.background{ background-color: rgb(238, 58,  
252) }
```

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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