

Converting Colors

XYZ(54.4503, 27.0088, 96.9511)

Have a look what the booklet for
XYZ(54.4503, 27.0088, 96.9511)
contains.

XYZ(54.3397, 26.9569, 96.9469)	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(54.3397, 26.9569,
96.9469)**

Conversions

Conversions Part 1

Format	Color
Hex	EF26FF
RGB	239, 38, 255
RGB Percent	94%, 15%, 100%
CMY	0.0627, 0.8509, 0.0000
CMYK	0.06, 0.85, 0.00, 0.00
HSL	296°, 100%, 57%
HSV	296°, 85%, 100%
XYZ	54.3397, 26.9569, 96.9469
YIQ	122.8370, 50.1390, 110.0990

Conversions

Conversions Part 2

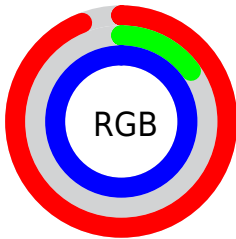
Format	Color
R _Y B	239, 38, 255
Decimal	15673087
CIE _{Lab}	58.93, 91.99, -63.21
CIE _{LCh}	59, 111.613, 325.505
Yxy	26.9569, 0.3049, 0.1512
Android (android.graphics.Color)	4293863167 (0xFFEF26FF)
YUV	122.8370, 65.1564, 101.8750
Hunter-Lab	51.9200, 95.9587, -74.3643

Details

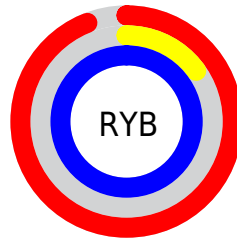
The XYZ color **54.3397, 26.9569, 96.9469** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **37.6319, 72.4446, 13.8345**, and the grayscale version is **18.5565, 19.5229, 21.2604**.

A 20% lighter version of the original color is **65.1951, 40.2903, 98.9484**, and **28.4381, 13.4962, 53.9295** is the 20% darker color. If you saturate the color by 10%, you get **53.1536, 25.5211, 96.7323**, and if you desaturate by 10%, it is **56.0914, 29.5120, 97.3478**.

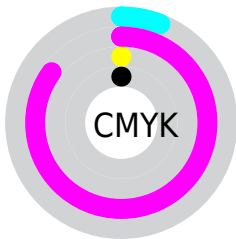
Distribution



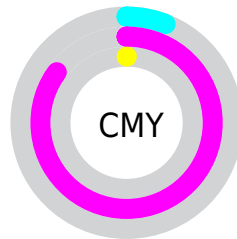
- Red (94%)
- Green (15%)
- Blue (100%)



- Red (94%)
- Yellow (15%)
- Blue (100%)



- Cyan (6%)
- Magenta (85%)
- Yellow (0%)
- Black (0%)




- Cyan (6%)
- Magenta (85%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3397, 26.9569, 96.9469 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 54.3397, 26.9569, 96.9469 by changing the saturation by 10% instead.


 54.3397, 26.9569,
96.9469


 54.3397, 26.9569,
96.9469

393.5813,
287.4484, 571.5219


 39.1051, 17.5409,
73.1506

 95.7268, 54.8147,
158.9702


 27.0226, 10.6209,
53.6066


 122.6100, 74.0252,
198.0344


 17.7268, 5.8125,
37.8962

 154.1067, 97.2694,
243.0249

 10.8526, 2.7314,
25.6009

 190.5824,
124.9316, 294.3603

 6.0343, 0.9932,
16.3022

 232.4023,
157.3962, 352.4592

 2.9068, 0.0000,
9.5816

279.9319,

 1.1047, 0.0000,

195.0476, 417.7401

5.0205

333.5364,
238.2702, 490.6215

■ 0.0290, 0.0000,
2.2003

■ 0.0000, 0.0000,
0.6746

■ 54.3397, 26.9569,
96.9469

■ 54.3397, 26.9569,
96.9469

■ 53.1536, 25.5211,
96.7323

■ 56.0914, 29.5120,
97.3478

■ 52.7083, 25.0870,
96.6720

■ 58.5035, 33.3792,
97.9671

■ 61.6567, 38.7186,
98.8315

■ 65.6193, 45.6671,
99.9639

70.4519, 54.3454,
101.3842

76.2090, 64.8631,
103.1109

82.9410, 77.3203,
105.1606

90.6943, 91.8103,
107.5488

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.



38.8452, 26.9569, 165.4533



54.3397, 26.9569, 96.9469



62.2712, 26.9569, 35.7256

Triad

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



54.3397, 26.9569, 96.9469



27.7601, 26.9569, 0.0000



8.3483, 26.9569, 75.8023

Complementary

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



54.3397, 26.9569, 96.9469



37.6319, 72.4446, 13.8345

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.



7.2166, 26.9569, 23.7846



54.3397, 26.9569, 96.9469



15.8019, 26.9569, 0.0612

Square

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



54.3397, 26.9569, 96.9469



43.8001, 26.9569, 0.6727



9.3732, 26.9569, 3.9107



13.3310, 26.9569, 147.2806

Rectangle

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



54.3397, 26.9569, 96.9469



60.6851, 26.9569, 13.3507



9.3732, 26.9569, 3.9107



7.6036, 26.9569, 54.7450

Sweetspot

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



54.3408, 26.9581, 96.9471



75.6476, 63.8309, 102.9413



20.2685, 10.4698, 95.5603



15.7482, 12.8496, 21.9001



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.



54.3408, 26.9581, 96.9471



52.7083, 25.0870, 96.6720



48.6876, 25.3486, 37.7278



18.6527, 18.2282, 22.7852



27.5971, 13.1373, 50.5158



2.7249, 1.2987, 4.9203

Inverse Universe

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



42.5996, 22.9134, 5.6688



41.3558, 21.3063, 2.5400



40.4840, 73.5020, 32.6222



18.0637, 18.0088, 18.9526



21.6287, 11.1408, 1.4295



2.1239, 1.0919, 0.2338

Previews

White Background



This preview shows how the XYZ color 54.3397, 26.9569, 96.9469 looks on a white background.

Color Contrast Check

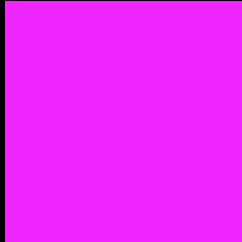
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.3397, 26.9569, 96.9469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

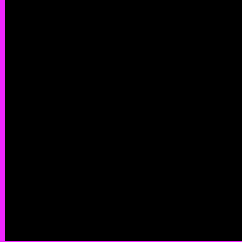
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.3397, 26.9569, 96.9469

Background



This preview shows how black text looks on a background with the XYZ color 54.3397, 26.9569, 96.9469.



This preview shows how white text looks on a background with the XYZ color 54.3397, 26.9569,

96.9469.

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

54.3397, 26.9569, 96.9469

Protanopia

30.7058, 27.2360, 98.2464

Deuteranopia

28.1492, 27.2758, 86.2192



Tritanopia

38.1004, 26.8026, 18.4945

Trichromacy



Original Color

54.3397, 26.9569, 96.9469



Protanomaly

33.6166, 22.2982, 97.1399



Deuteranomaly

31.0487, 21.6013, 88.9192



Tritanomaly

41.6382, 25.0592, 37.7643

Monochromacy



Original Color

54.3397, 26.9569, 96.9469



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

26.6949, 18.5939, 40.7101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3397, 26.9569, 96.9469 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(239, 38, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 38, 255)  
}
```

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(239, 38, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 38, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.3397, 26.9569, 96.9469 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(239, 38, 255) }
```


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

```
.border{ border-color:rgb(239, 38, 255) }
```

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

Here you see how a box with a 4 pixel rgb(239, 38, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 38, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 38, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 38,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3397, 26.9569, 96.9469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 38, 255) }
```

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

```
.background{ background-color: rgb(239, 38,  
255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor