

Converting Colors

XYZ(54.1003, 26.2624, 96.7630)

Have a look what the booklet for
XYZ(54.1003, 26.2624, 96.7630)
contains.

XYZ(53.9530, 26.1835, 96.8180)	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(53.9530, 26.1835,
96.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	EF17FF
RGB	239, 23, 255
RGB Percent	94%, 9%, 100%
CMY	0.0627, 0.9097, 0.0000
CMYK	0.06, 0.91, 0.00, 0.00
HSL	296°, 100%, 55%
HSV	296°, 91%, 100%
XYZ	53.9530, 26.1835, 96.8180
YIQ	114.0320, 54.2640, 117.9440

Conversions

Conversions Part 2

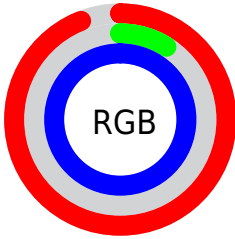
Format	Color
R _Y B	239, 23, 255
Decimal	15669247
CIE Lab	58.21, 94.12, -64.37
CIE LCh	58, 114.029, 325.631
Yxy	26.1835, 0.3049, 0.1480
Android (android.graphics.Color)	4293859327 (0xFFEF17FF)
YUV	114.0320, 69.4972, 109.5969
Hunter-Lab	51.1698, 98.6616, -76.3633

Details

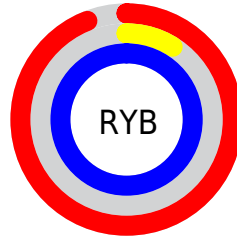
The XYZ color **53.9530, 26.1835, 96.8180** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **36.7522, 72.0136, 12.7746**, and the grayscale version is **15.7945, 16.6170, 18.0959**.

A 20% lighter version of the original color is **64.6526, 39.2051, 98.7675**, and **28.4381, 13.4962, 53.9295** is the 20% darker color. If you saturate the color by 10%, you get **53.1136, 25.2960, 96.6910**, and if you desaturate by 10%, it is **55.3223, 28.0353, 97.1033**.

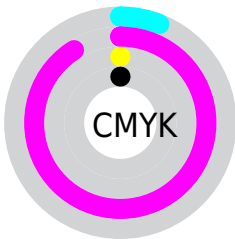
Distribution



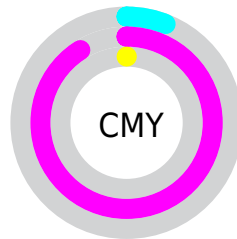
- Red (94%)
- Green (9%)
- Blue (100%)



- Red (94%)
- Yellow (9%)
- Blue (100%)



- Cyan (6%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9530, 26.1835, 96.8180 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 53.9530, 26.1835, 96.8180 by changing the saturation by 10% instead.


 53.9530, 26.1835,
96.8180

 53.9530, 26.1835,
96.8180

392.1320,
283.6817, 571.1012

 38.7946, 16.9610,
73.0438


 95.1625, 53.5708,
158.7910

 26.7800, 10.2067,
53.5197


 121.9444, 72.5044,
197.8268


 17.5438, 5.5362,
37.8273


 153.3314, 95.4438,
242.7870

 10.7206, 2.5652,
25.5479

 189.6890,
122.7734, 294.0900

 5.9452, 0.9092,
16.2630

 231.3825,
154.8776, 352.1544

 2.8521, 0.0000,
9.5541

278.7773,

 1.0761, 0.0000,

192.1408, 417.3987

5.0026

332.2387,
234.9474, 490.2414

■ 0.0049, 0.0000,
2.1900

■ 0.0000, 0.0000,
0.6686

■ 53.9530, 26.1835,
96.8180

■ 53.9530, 26.1835,
96.8180

■ 53.1136, 25.2960,
96.6910

■ 55.3223, 28.0353,
97.1033

■ 57.2965, 31.0894,
97.5887

■ 59.9659, 35.5252,
98.3042

■ 63.4048, 41.4915,
99.2746

67.6781, 49.1178,
100.5214

72.8436, 58.5199,
102.0639

78.9541, 69.8031,
103.9198

86.0581, 83.0647,
106.1051

94.2009, 98.3951,
108.6350

Harmonies

Analogous

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



38.2659, 26.1835, 167.2408



53.9530, 26.1835, 96.8180



61.9743, 26.1835, 34.7196

Triad

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



53.9530, 26.1835, 96.8180



26.9698, 26.1835, 0.0000



7.7768, 26.1835, 75.8252

Complementary

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



53.9530, 26.1835, 96.8180



36.7522, 72.0136, 12.7746

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.



6.6642, 26.1835, 23.0877



53.9530, 26.1835, 96.8180



15.0579, 26.1835, 0.0000

Square

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



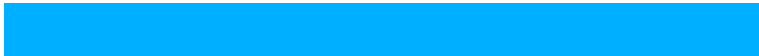
53.9530, 26.1835, 96.8180



43.1378, 26.1835, 0.4364



8.7484, 26.1835, 3.4977



12.6827, 26.1835, 149.0548

Rectangle

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



53.9530, 26.1835, 96.8180



60.3230, 26.1835, 12.5089



8.7484, 26.1835, 3.4977



7.0481, 26.1835, 54.3727

Sweetspot

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



53.9541, 26.1846, 96.8182



75.1552, 62.7716, 102.7628



19.2443, 9.0833, 95.3467



15.6591, 12.6497, 21.8663



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.



53.9541, 26.1846, 96.8182



53.1136, 25.2960, 96.6910



47.7478, 24.3540, 34.6863



18.6617, 18.2329, 22.7857



27.8056, 13.2448, 50.5256



2.7430, 1.3080, 4.9212

Inverse Universe

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



41.9133, 22.0202, 3.9622



41.3458, 21.3023, 2.4872



39.4844, 73.0506, 29.6862



18.0602, 18.0074, 18.9341



21.6227, 11.1384, 1.3975



2.1222, 1.0913, 0.2250

Previews

White Background



This preview shows how the XYZ color 53.9530, 26.1835, 96.8180 looks on a white background.

Color Contrast Check

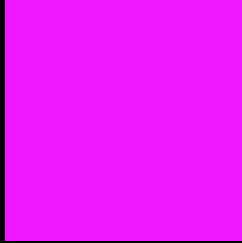
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.9530, 26.1835, 96.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

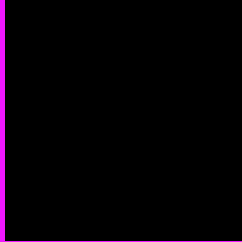
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 53.9530, 26.1835, 96.8180

Background



This preview shows how black text looks on a background with the XYZ color 53.9530, 26.1835, 96.8180.



This preview shows how white text looks on a background with the XYZ color 53.9530, 26.1835,

96.8180.

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

53.9530, 26.1835, 96.8180

Protanopia

30.2201, 26.7736, 98.1828

Deuteranopia

27.5812, 26.7611, 86.1498



Tritanopia

37.6359, 26.1365, 17.5292

Trichromacy



Original Color

53.9530, 26.1835, 96.8180



Protanomaly

32.5494, 20.9041, 96.9271



Deuteranomaly

29.8454, 20.1054, 88.6939



Tritanomaly

40.8990, 23.8677, 36.6337

Monochromacy



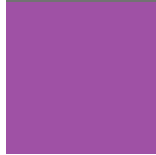
Original Color

53.9530, 26.1835, 96.8180



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

24.0320, 15.9724, 37.4137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9530, 26.1835, 96.8180 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, 23, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 23, 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, 23, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 23, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9530, 26.1835, 96.8180 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, 23, 255) }
```


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

```
.border{ border-color:rgb(239, 23, 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, 23, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 23, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 23, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 23,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9530, 26.1835, 96.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 23, 255) }
```

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

```
.background{ background-color: rgb(239, 23,  
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