

Converting Colors

XYZ(53.9277, 26.0332, 96.7904)

Have a look what the booklet for
XYZ(53.9277, 26.0332, 96.7904)
contains.

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Color

**XYZ(53.8629, 26.0033,
96.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	EF12FF
RGB	239, 18, 255
RGB Percent	94%, 7%, 100%
CMY	0.0627, 0.9293, 0.0000
CMYK	0.06, 0.93, 0.00, 0.00
HSL	296°, 100%, 54%
HSV	296°, 93%, 100%
XYZ	53.8629, 26.0033, 96.7880
YIQ	111.0970, 55.6390, 120.5590

Conversions

Conversions Part 2

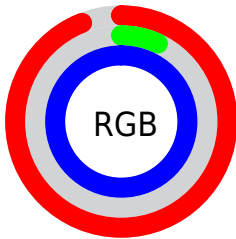
Format	Color
R _Y B	239, 18, 255
Decimal	15667967
CIE Lab	58.04, 94.63, -64.65
CIE LCh	58, 114.601, 325.660
Yxy	26.0033, 0.3049, 0.1472
Android (android.graphics.Color)	4293858047 (0xFFEF12FF)
YUV	111.0970, 70.9442, 112.1709
Hunter-Lab	50.9934, 99.3059, -76.8399

Details

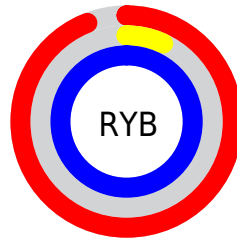
The XYZ color **53.8629, 26.0033, 96.7880** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **36.5298, 71.9042, 12.5268**, and the grayscale version is **14.9312, 15.7088, 17.1069**.

A 20% lighter version of the original color is **64.4440, 38.7881, 98.6980**, and **28.4381, 13.4962, 53.9295** is the 20% darker color. If you saturate the color by 10%, you get **53.2378, 25.3600, 96.6968**, and if you desaturate by 10%, it is **55.1143, 27.6382, 97.0376**.

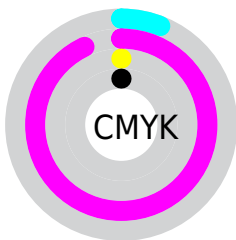
Distribution



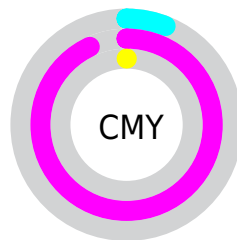
- Red (94%)
- Green (7%)
- Blue (100%)



- Red (94%)
- Yellow (7%)
- Blue (100%)



- Cyan (6%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (93%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8629, 26.0033, 96.7880 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 53.8629, 26.0033, 96.7880 by changing the saturation by 10% instead.


 53.8629, 26.0033,
96.7880

 53.8629, 26.0033,
96.7880

391.7939,
282.7983, 571.0033

 38.7223, 16.8261,
73.0189

 95.0310, 53.2803,
158.7493

 26.7235, 10.1106,
53.4995


 121.7892, 72.1488,
197.7785


 17.5012, 5.4723,
37.8112


 153.1506, 95.0167,
242.7316

 10.6900, 2.5270,
25.5355

 189.4807,
122.2681, 294.0271

 5.9245, 0.8901,
16.2538

 231.1446,
154.2876, 352.0834

 2.8395, 0.0000,
9.5477

278.5079,

 1.0694, 0.0000,

191.4595, 417.3192

4.9984

331.9359,
234.1683, 490.1530

■ 0.0000, 0.0000,
2.1876

■ 0.0000, 0.0000,
0.6672

■ 53.8629, 26.0033,
96.7880

■ 53.8629, 26.0033,
96.7880

■ 53.2378, 25.3600,
96.6968

■ 55.1143, 27.6382,
97.0376

■ 56.9504, 30.4352,
97.4807

■ 59.4654, 34.5816,
98.1485

■ 62.7360, 40.2310,
99.0666

66.8285, 47.5161,
100.2570

71.8022, 56.5551,
101.7396

77.7106, 67.4552,
103.5321

84.6031, 80.3150,
105.6510

92.5255, 95.2263,
108.1116

Harmonies

Analogous

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



38.1307, 26.0033, 167.6670



53.8629, 26.0033, 96.7880



61.9052, 26.0033, 34.4845

Triad

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



53.8629, 26.0033, 96.7880



26.7855, 26.0033, 0.0000



7.6458, 26.0033, 75.8327

Complementary

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



53.8629, 26.0033, 96.7880



36.5298, 71.9042, 12.5268

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.



6.5380, 26.0033, 22.9259



53.8629, 26.0033, 96.7880



14.8857, 26.0033, 0.0000

Square

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



53.8629, 26.0033, 96.7880



42.9826, 26.0033, 0.3805



8.6050, 26.0033, 3.4047



12.5329, 26.0033, 149.4795

Rectangle

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



53.8629, 26.0033, 96.7880



60.2384, 26.0033, 12.3151



8.6050, 26.0033, 3.4047



6.9210, 26.0033, 54.2867

Sweetspot

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



53.8640, 26.0044, 96.7882



74.5963, 61.6923, 102.5839



18.9857, 8.7205, 95.2903



15.4407, 12.2373, 21.7982



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.



53.8640, 26.0044, 96.7882



53.2378, 25.3600, 96.6968



47.4794, 24.1025, 33.7177



18.6645, 18.2343, 22.7858



27.8695, 13.2777, 50.5286



2.7485, 1.3108, 4.9214

Inverse Universe

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



41.7457, 21.8090, 3.5243



41.3429, 21.3011, 2.4717



39.2069, 72.9276, 28.7668



18.0591, 18.0070, 18.9284



21.6209, 11.1376, 1.3880



2.1217, 1.0911, 0.2224

Previews

White Background



This preview shows how the XYZ color 53.8629, 26.0033, 96.7880 looks on a white background.

Color Contrast Check

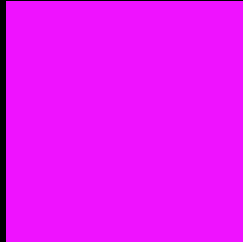
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.8629, 26.0033, 96.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

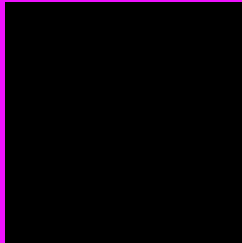
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 53.8629, 26.0033, 96.7880

Background



This preview shows how black text looks on a background with the XYZ color 53.8629, 26.0033, 96.7880.



This preview shows how white text looks on a background with the XYZ color 53.8629, 26.0033,

96.7880.

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

53.8629, 26.0033, 96.7880

Protanopia

29.9960, 26.4480, 98.1318

Deuteranopia

27.3674, 26.4310, 86.0974



Tritanopia

37.4847, 25.9197, 17.2147

Trichromacy



Original Color

53.8629, 26.0033, 96.7880



Protanomaly

32.2809, 20.3671, 96.8376



Deuteranomaly

29.5664, 19.5475, 88.6009



Tritanomaly

40.6812, 23.5737, 36.1242

Monochromacy



Original Color

53.8629, 26.0033, 96.7880



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

23.3653, 15.2212, 36.3568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8629, 26.0033, 96.7880 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, 18, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 18, 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, 18, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 18, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.8629, 26.0033, 96.7880 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, 18, 255) }
```


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

```
.border{ border-color:rgb(239, 18, 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, 18, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 18, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 18, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 18,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8629, 26.0033, 96.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 18, 255) }
```

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

```
.background{ background-color: rgb(239, 18,  
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](#).

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