

Converting Colors

XYZ(54.5941, 26.3096, 85.4461)

Have a look what the booklet for
XYZ(54.5941, 26.3096, 85.4461)
contains.

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Color

**XYZ(54.5886, 26.3073,
85.4198)**

Conversions

Conversions Part 1

Format	Color
Hex	F800F1
RGB	248, 0, 241
RGB Percent	97%, 0%, 95%
CMY	0.0274, 0.9998, 0.0549
CMYK	0.00, 1.00, 0.03, 0.03
HSL	302°, 100%, 49%
HSV	302°, 100%, 97%
XYZ	54.5886, 26.3073, 85.4198
YIQ	101.6260, 70.4470, 127.5270

Conversions

Conversions Part 2

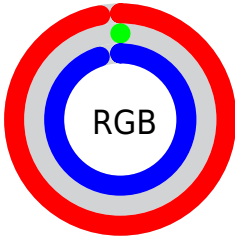
Format	Color
R _Y B	248, 0, 241
Decimal	16253169
CIE Lab	58.33, 95.24, -56.31
CIE LCh	58, 110.637, 329.408
Yxy	26.3073, 0.3282, 0.1582
Android (android.graphics.Color)	4294443249 (0xFFFF800F1)
YUV	101.6260, 68.7114, 128.3700
Hunter-Lab	51.2906, 100.2188, -62.8385

Details

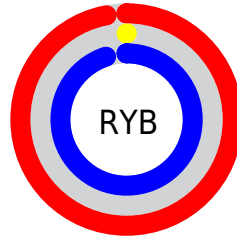
The XYZ color **54.5886, 26.3073, 85.4198** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **33.6070, 67.1515, 11.3925**, and the grayscale version is **12.3527, 12.9960, 14.1527**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **28.9014, 13.8998, 46.5071** is the 20% darker color. If you saturate the color by 10%, you get **54.5890, 26.3076, 85.4192**, and if you desaturate by 10%, it is **55.0383, 27.0381, 86.0869**.

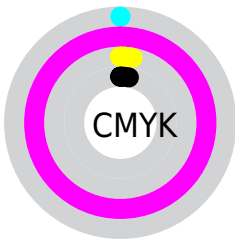
Distribution



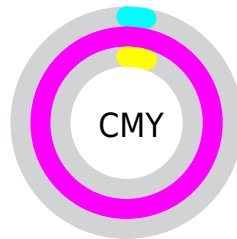
- Red (97%)
- Green (0%)
- Blue (95%)



- Red (97%)
- Yellow (0%)
- Blue (95%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5886, 26.3073, 85.4198 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 54.5886, 26.3073, 85.4198 by changing the saturation by 10% instead.


 54.5886, 26.3073,
85.4198

 54.5886, 26.3073,
85.4198

394.5124,
284.2873, 533.1969

 39.3050, 17.0537,
63.6362

 96.0898, 53.7703,
142.8389


 27.1789, 10.2728,
45.9117


 123.0380, 72.7484,
179.3115


 17.8449, 5.5802,
31.8280


 154.6052, 95.7369,
221.5174

 10.9377, 2.5915,
20.9664

 191.1567,
123.1200, 269.8753

 6.0919, 0.9224,
12.9085

 233.0578,
155.2822, 324.8037

 2.9423, 0.0000,
7.2356

280.6738,

 1.1233, 0.0000,

192.6079, 386.7210

3.5292

334.3703,
235.4815, 456.0459

■ 0.0445, 0.0000,
1.3708

■ 0.0000, 0.0000,
0.1188

■ 54.5886, 26.3073,
85.4198

■ 54.5886, 26.3073,
85.4198

■ 54.5890, 26.3076,
85.4192

■ 55.0383, 27.0381,
86.0869

■ 55.9246, 28.6424,
86.9014

■ 57.3833, 31.3907,
87.9087

■ 59.4958, 35.4460,
89.1359

62.3303, 40.9448,
90.6058

65.9468, 48.0067,
92.3383

70.3986, 56.7388,
94.3512

75.7346, 67.2385,
96.6609

81.9998, 79.5961,
99.2824

Harmonies

Analogous

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



40.0026, 26.3073, 154.0663



54.5886, 26.3073, 85.4198



60.8817, 26.3073, 29.4182

Triad

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



54.5886, 26.3073, 85.4198



25.2731, 26.3073, 0.0000



8.5457, 26.3073, 82.6963

Complementary

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



54.5886, 26.3073, 85.4198



33.6070, 67.1515, 11.3925

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.



7.0164, 26.3073, 27.8838



54.5886, 26.3073, 85.4198



14.3196, 26.3073, 0.2925

Square

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



54.5886, 26.3073, 85.4198



40.6406, 26.3073, 0.3725



8.6774, 26.3073, 5.0472



14.0020, 26.3073, 151.7233

Rectangle

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



54.5886, 26.3073, 85.4198



58.2588, 26.3073, 10.3881



8.6774, 26.3073, 5.0472



7.6657, 26.3073, 61.0440

Sweetspot

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



54.5897, 26.3085, 85.4203



74.9642, 60.3818, 100.4988



16.9962, 6.8052, 89.2260



15.5934, 12.0366, 21.3092



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.



54.5897, 26.3085, 85.4203



58.1523, 28.0249, 90.9888



42.0958, 21.3110, 19.6287



17.9706, 17.5156, 21.7011



29.4980, 14.2149, 46.1921



2.7385, 1.3191, 4.3124

Inverse Universe

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



54.5897, 26.3085, 85.4203



58.1523, 28.0249, 90.9888



37.4748, 68.6986, 31.7604



17.9706, 17.5156, 21.7011



29.4980, 14.2149, 46.1921



2.7385, 1.3191, 4.3124

Previews

White Background



This preview shows how the XYZ color 54.5886, 26.3073, 85.4198 looks on a white background.

Color Contrast Check

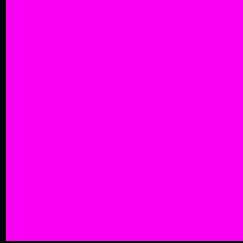
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.5886, 26.3073, 85.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

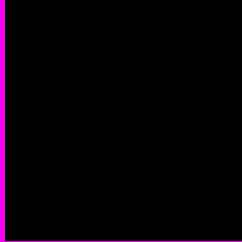
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.5886, 26.3073, 85.4198

Background



This preview shows how black text looks on a background with the XYZ color 54.5886, 26.3073, 85.4198.



This preview shows how white text looks on a background with the XYZ color 54.5886, 26.3073,

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

54.5886, 26.3073, 85.4198

Protanopia

30.6182, 27.1908, 98.2423

Deuteranopia

27.8141, 27.1123, 75.7187



Tritanopia

40.0454, 26.4476, 15.3062

Trichromacy



Original Color

54.5886, 26.3073, 85.4198

Protanomaly

31.9004, 19.6324, 92.5506

Deuteranomaly

30.4744, 19.4714, 77.7535

Tritanomaly

42.5433, 23.6759, 32.0334

Monochromacy



Original Color

54.5886, 26.3073, 85.4198

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

21.1576, 13.0491, 31.5406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5886, 26.3073, 85.4198 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(248, 0, 241)` looks like.

```
.text, #text, p{  
    color:rgb(248, 0, 241)  
}
```

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(248, 0, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 0, 241) }
```

Border

The CSS property to change the border of an element to XYZ 54.5886, 26.3073, 85.4198 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(248, 0, 241) }
```


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

```
.border{ border-color:rgb(248, 0, 241) }
```

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

Here you see how a box with a 4 pixel rgb(248, 0, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 0, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 0, 241);  
box-shadow:4px 4px 4px 4px rgb(248, 0,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5886, 26.3073, 85.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 0, 241) }
```

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

```
.background{ background-color: rgb(248, 0,  
241) }
```

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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