

Converting Colors

XYZ(54.4866, 26.2667, 84.8772)

Have a look what the booklet for
XYZ(54.4866, 26.2667, 84.8772)
contains.

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Color

**XYZ(54.4396, 26.2477,
84.6351)**

Conversions

Conversions Part 1

Format	Color
Hex	F800F0
RGB	248, 0, 240
RGB Percent	97%, 0%, 94%
CMY	0.0274, 0.9998, 0.0588
CMYK	0.00, 1.00, 0.03, 0.03
HSL	302°, 100%, 49%
HSV	302°, 100%, 97%
XYZ	54.4396, 26.2477, 84.6351
YIQ	101.5120, 70.7680, 127.2160

Conversions

Conversions Part 2

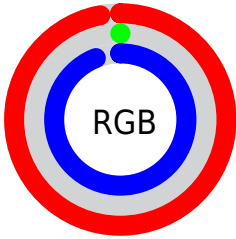
Format	Color
R_{YB}	248, 0, 240
Decimal	16253168
CIE _{Lab}	58.27, 95.10, -55.84
CIE _{LCh}	58, 110.281, 329.582
Yxy	26.2477, 0.3293, 0.1588
Android (android.graphics.Color)	4294443248 (0xFFFF800F0)
YUV	101.5120, 68.2746, 128.4700
Hunter-Lab	51.2325, 100.0170, -62.0832

Details

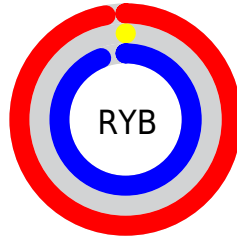
The XYZ color **54.4396, 26.2477, 84.6351** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **33.6125, 67.1537, 11.4214**, and the grayscale version is **12.3244, 12.9662, 14.1202**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **28.7969, 13.8580, 45.9568** is the 20% darker color. If you saturate the color by 10%, you get **54.4400, 26.2480, 84.6344**, and if you desaturate by 10%, it is **54.9036, 26.9842, 85.3778**.

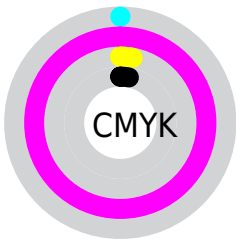
Distribution



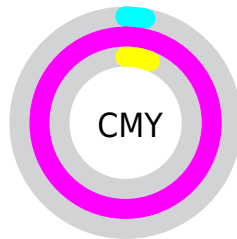
- Red (97%)
- Green (0%)
- Blue (94%)



- Red (97%)
- Yellow (0%)
- Blue (94%)



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





- Cyan (3%)
- Magenta (100%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4396, 26.2477, 84.6351 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 54.4396, 26.2477, 84.6351 by changing the saturation by 10% instead.


 54.4396, 26.2477,
84.6351


 54.4396, 26.2477,
84.6351

393.9552,
283.9959, 530.5329


 39.1853, 17.0090,
62.9915

 95.8725, 53.6743,
141.7329


 27.0853, 10.2409,
45.3934


 122.7818, 72.6310,
178.0241


 17.7742, 5.5590,
31.4222


 154.3069, 95.5958,
220.0350

 10.8867, 2.5788,
20.6594

 190.8130,
122.9532, 268.1841

 6.0574, 0.9160,
12.6864

 232.6655,
155.0875, 322.8899

 2.9210, 0.0000,
7.0848

280.2298,

 1.1121, 0.0000,

192.3831, 384.5709

3.4359

333.8712,
235.2245, 453.6457

■ 0.0352, 0.0000,
1.3213

■ 0.0000, 0.0000,
0.0792

■ 54.4396, 26.2477,
84.6351

■ 54.4396, 26.2477,
84.6351

■ 54.4400, 26.2480,
84.6344

■ 54.9036, 26.9842,
85.3778

■ 55.8044, 28.5943,
86.2685

■ 57.2777, 31.3485,
87.3527

■ 59.4049, 35.4096,
88.6574

■ 62.2543, 40.9144,
90.2054

■ 65.8857, 47.9823,
92.0167

■ 70.3526, 56.7204,
94.1091

■ 75.7038, 67.2263,
96.4989

■ 81.9844, 79.5900,
99.2011

Harmonies

Analogous

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



39.9624, 26.2477, 152.8922



54.4396, 26.2477, 84.6351



60.6299, 26.2477, 29.1220

Triad

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



54.4396, 26.2477, 84.6351



25.1364, 26.2477, 0.0000



8.5724, 26.2477, 82.7234

Complementary

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



54.4396, 26.2477, 84.6351



33.6125, 67.1537, 11.4214

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.



7.0275, 26.2477, 28.0434



54.4396, 26.2477, 84.6351



14.2618, 26.2477, 0.3189

Square

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



54.4396, 26.2477, 84.6351



40.4106, 26.2477, 0.3752



8.6651, 26.2477, 5.1262



14.0383, 26.2477, 151.2486

Rectangle

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



54.4396, 26.2477, 84.6351



57.9755, 26.2477, 10.2881



8.6651, 26.2477, 5.1262



7.6876, 26.2477, 61.1558

Sweetspot

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



54.4407, 26.2489, 84.6356



74.9151, 60.3622, 100.2403



16.9962, 6.8053, 89.2260



15.5814, 12.0318, 21.2462



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.



54.4407, 26.2489, 84.6356



57.9933, 27.9613, 90.1515



42.0958, 21.3110, 19.6287



17.9674, 17.5143, 21.6842



29.4187, 14.1832, 45.7749



2.7321, 1.3166, 4.2785

Inverse Universe

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



54.4407, 26.2489, 84.6356



57.9933, 27.9613, 90.1515



37.4749, 68.6986, 31.7604



17.9674, 17.5143, 21.6842



29.4187, 14.1832, 45.7749



2.7321, 1.3166, 4.2785

Previews

White Background



This preview shows how the XYZ color 54.4396, 26.2477, 84.6351 looks on a white background.

Color Contrast Check

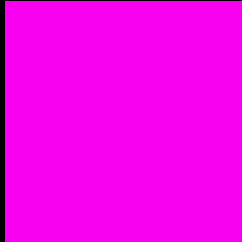
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.4396, 26.2477, 84.6351 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 54.4396, 26.2477, 84.6351

Background



This preview shows how black text looks on a background with the XYZ color 54.4396, 26.2477, 84.6351.



This preview shows how white text looks on a background with the XYZ color 54.4396, 26.2477,

84.6351.

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

54.4396, 26.2477, 84.6351

Protanopia

30.5318, 27.1463, 98.2383

Deuteranopia

27.7665, 26.8679, 75.6741



Tritanopia

40.2346, 26.4179, 15.0352

Trichromacy



Original Color

54.4396, 26.2477, 84.6351



Protanomaly

31.9004, 19.6324, 92.5506



Deuteranomaly

30.4744, 19.4714, 77.7535



Tritanomaly

42.7984, 23.8168, 31.6195

Monochromacy



Original Color

54.4396, 26.2477, 84.6351



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

21.0754, 13.0162, 31.1073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4396, 26.2477, 84.6351 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(248, 0, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 0, 240) }
```

Border

The CSS property to change the border of an element to XYZ 54.4396, 26.2477, 84.6351 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, 240) }
```


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

```
.border{ border-color:rgb(248, 0, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 0, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 0, 240);  
box-shadow:4px 4px 4px 4px rgb(248, 0,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4396, 26.2477, 84.6351 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, 240) }
```

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

```
.background{ background-color: rgb(248, 0,  
240) }
```

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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