

Converting Colors

XYZ(54.4665, 26.4430, 76.4440)

Have a look what the booklet for
XYZ(54.4665, 26.4430, 76.4440)
contains.

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Color

**XYZ(54.2877, 26.3526,
76.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	FC00E5
RGB	252, 0, 229
RGB Percent	99%, 0%, 90%
CMY	0.0118, 0.9998, 0.1020
CMYK	0.00, 1.00, 0.09, 0.01
HSL	305°, 100%, 49%
HSV	305°, 100%, 99%
XYZ	54.2877, 26.3526, 76.3540
YIQ	101.4540, 76.6830, 124.6430

Conversions

Conversions Part 2

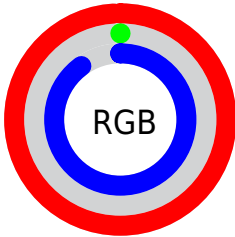
Format	Color
R_{YB}	252, 0, 229
Decimal	16515301
CIE _{Lab}	58.37, 94.29, -49.46
CIE _{LCh}	58, 106.474, 332.319
Yxy	26.3526, 0.3458, 0.1679
Android (android.graphics.Color)	4294705381 (0xFFFC00E5)
YUV	101.4540, 62.8802, 132.0288
Hunter-Lab	51.3348, 98.9319, -52.2520

Details

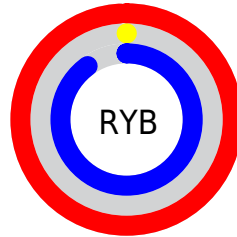
The XYZ color **54.2877, 26.3526, 76.3540** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **34.9665, 69.6838, 12.4207**, and the grayscale version is **12.3232, 12.9649, 14.1188**.

A 20% lighter version of the original color is **64.2403, 38.3806, 98.6301**, and **28.7780, 13.9643, 40.7138** is the 20% darker color. If you saturate the color by 10%, you get **54.2875, 26.3525, 76.3509**, and if you desaturate by 10%, it is **54.9646, 27.1882, 78.1752**.

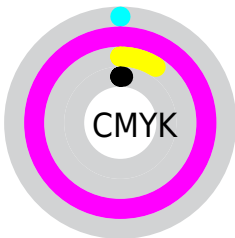
Distribution



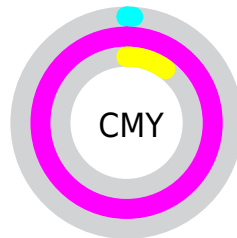
- Red (99%)
- Green (0%)
- Blue (90%)



- Red (99%)
- Yellow (0%)
- Blue (90%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2877, 26.3526, 76.3540 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 54.2877, 26.3526, 76.3540 by changing the saturation by 10% instead.


 54.2877, 26.3526,
76.3540


 54.2877, 26.3526,
76.3540

393.3866,
284.5087, 501.9377


 39.0633, 17.0876,
56.2144

 95.6510, 53.8432,
129.9919

 26.9899, 10.2970,
39.9697


 122.5205, 72.8377,
164.3272


 17.7022, 5.5963,
27.2013


 154.0025, 95.8440,
204.2316

 10.8348, 2.6012,
17.4907

 190.4624,
123.2467, 250.1236

 6.0223, 0.9273,
10.4193

 232.2653,
155.4301, 302.4216

 2.8994, 0.0000,
5.5686

279.7768,

 1.1008, 0.0000,

192.7787, 361.5443

2.5201

333.3621,
235.6767, 427.9101

■ 0.0258, 0.0000,
0.8508

■ 0.0000, 0.0000,
0.0000

■ 54.2877, 26.3526,
76.3540

■ 54.2877, 26.3526,
76.3540

■ 54.2875, 26.3525,
76.3509

■ 54.9646, 27.1882,
78.1752

■ 56.0993, 28.9332,
80.1699

■ 57.8318, 31.8670,
82.3851

■ 60.2469, 36.1591,
84.8490

■ 63.4157, 41.9517,
87.5855

■ 67.4004, 49.3691,
90.6153

■ 72.2566, 58.5226,
93.9572

■ 78.0352, 69.5138,
97.6280

■ 84.7829, 82.4364,
101.6435

Harmonies

Analogous

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



40.9010, 26.3526, 141.4028



54.2877, 26.3526, 76.3540



59.1773, 26.3526, 25.8968

Triad

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



54.2877, 26.3526, 76.3540



24.0508, 26.3526, 0.0000



9.3219, 26.3526, 86.3855

Complementary

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



54.2877, 26.3526, 76.3540



34.9665, 69.6838, 12.4207

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.



7.4702, 26.3526, 31.6847



54.2877, 26.3526, 76.3540



13.9329, 26.3526, 0.7452

Square

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



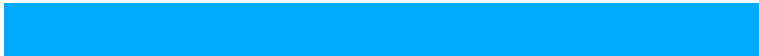
54.2877, 26.3526, 76.3540



38.5225, 26.3526, 0.4439



8.8090, 26.3526, 6.6502



15.1501, 26.3526, 149.9467

Rectangle

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



54.2877, 26.3526, 76.3540



55.9568, 26.3526, 9.2084



8.8090, 26.3526, 6.6502



8.3265, 26.3526, 65.2994

Sweetspot

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



54.2887, 26.3539, 76.3545



74.2059, 60.0785, 96.5054



17.8816, 7.1894, 92.5415



15.4089, 11.9628, 20.3376



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.



54.2887, 26.3539, 76.3545



55.7659, 27.0703, 78.4222



42.6971, 21.7173, 15.3142



17.9207, 17.4956, 21.4381



28.3078, 13.7389, 39.9250



2.6412, 1.2802, 3.7999

Inverse Universe

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



54.2887, 26.3539, 76.3545



55.7659, 27.0703, 78.4222



40.0795, 71.7290, 39.3454



17.9207, 17.4956, 21.4381



28.3078, 13.7389, 39.9250



2.6412, 1.2802, 3.7999

Previews

White Background



This preview shows how the XYZ color 54.2877, 26.3526, 76.3540 looks on a white background.

Color Contrast Check

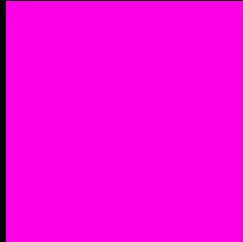
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.2877, 26.3526, 76.3540 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 54.2877, 26.3526, 76.3540

Background



This preview shows how black text looks on a background with the XYZ color 54.2877, 26.3526, 76.3540.



This preview shows how white text looks on a background with the XYZ color 54.2877, 26.3526,

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

54.2877, 26.3526, 76.3540

Protanopia

30.6182, 27.1908, 98.2423

Deuteranopia

27.7345, 27.0202, 68.0436



Tritanopia

41.3641, 26.5076, 14.0027

Trichromacy



Original Color

54.2877, 26.3526, 76.3540



Protanomaly

31.6259, 19.5626, 89.2979



Deuteranomaly

30.8725, 19.8506, 69.9145



Tritanomaly

43.8054, 24.1730, 28.7426

Monochromacy



Original Color

54.2877, 26.3526, 76.3540



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

20.8890, 12.8728, 29.4007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2877, 26.3526, 76.3540 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(252, 0, 229)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 229)  
}
```

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(252, 0, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 229) }
```

Border

The CSS property to change the border of an element to XYZ 54.2877, 26.3526, 76.3540 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(252, 0, 229) }
```


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

```
.border{ border-color:rgb(252, 0, 229) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 229);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2877, 26.3526, 76.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 229) }
```

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

```
.background{ background-color: rgb(252, 0,  
229) }
```

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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