

Converting Colors

XYZ(54.2406, 26.4629, 70.4267)

Have a look what the booklet for
XYZ(54.2406, 26.4629, 70.4267)
contains.

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Color

**XYZ(54.2911, 26.4805,
70.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00DD
RGB	255, 0, 221
RGB Percent	100%, 0%, 87%
CMY	0.0000, 0.9998, 0.1333
CMYK	0.00, 1.00, 0.13, 0.00
HSL	308°, 100%, 50%
HSV	308°, 100%, 100%
XYZ	54.2911, 26.4805, 70.6564
YIQ	101.4390, 81.0390, 122.7910

Conversions

Conversions Part 2

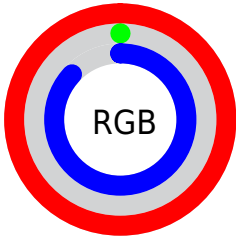
Format	Color
R_{YB}	255, 0, 221
Decimal	16711901
CIE _{Lab}	58.49, 93.78, -44.72
CIE _{LCh}	58, 103.897, 334.505
Yxy	26.4805, 0.3585, 0.1749
Android (android.graphics.Color)	4294901981 (0xFFFF00DD)
YUV	101.4390, 58.9436, 134.6730
Hunter-Lab	51.4592, 98.2696, -45.3871

Details

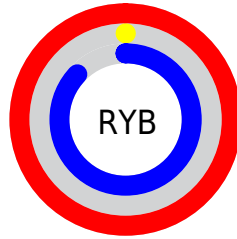
The XYZ color **54.2911, 26.4805, 70.6564** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **36.0503, 71.6362, 13.4447**, and the grayscale version is **12.3291, 12.9712, 14.1256**.

A 20% lighter version of the original color is **64.2403, 38.3806, 98.6301**, and **28.7839, 14.0541, 36.7929** is the 20% darker color. If you saturate the color by 10%, you get **54.2902, 26.4801, 70.6514**, and if you desaturate by 10%, it is **55.1087, 27.3829, 73.1874**.

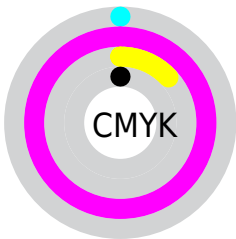
Distribution



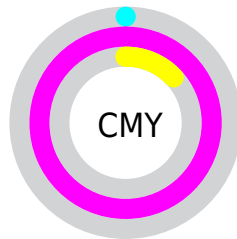
- Red (100%)
- Green (0%)
- Blue (87%)



- Red (100%)
- Yellow (0%)
- Blue (87%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2911, 26.4805, 70.6564 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 54.2911, 26.4805, 70.6564 by changing the saturation by 10% instead.


 54.2911, 26.4805,
70.6564

 54.2911, 26.4805,
70.6564


393.3994,
285.1329, 481.7026

 39.0660, 17.1834,
51.5817

 95.6559, 54.0491,
121.8342


 26.9921, 10.3654,
36.2919


 122.5264, 73.0894,
154.7745


 17.7038, 5.6419,
24.3682


 154.0094, 96.1463,
193.1737

 10.8359, 2.6286,
15.3923

 190.4702,
123.6042, 237.4503

 6.0231, 0.9410,
8.9455

 232.2743,
155.8474, 288.0230

 2.8999, 0.0000,
4.6093

279.7869,

 1.1011, 0.0000,

193.2603, 345.3103

1.9652

333.3735,
236.2273, 409.7306

■ 0.0260, 0.0000,
0.5338

■ 0.0000, 0.0000,
0.0000

■ 54.2911, 26.4805,
70.6564

■ 54.2911, 26.4805,
70.6564

■ 54.2902, 26.4801,
70.6514

■ 55.1087, 27.3829,
73.1874

■ 56.4024, 29.2230,
75.9225

■ 58.3154, 32.2869,
78.9098

■ 60.9351, 36.7491,
82.1787

■ 64.3347, 42.7562,
85.7539

■ 68.5782, 50.4361,
89.6570

■ 73.7231, 59.9034,
93.9074

■ 79.8216, 71.2627,
98.5227

■ 86.9220, 84.6105,
103.5193

Harmonies

Analogous

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



41.7018, 26.4805, 133.4803



54.2911, 26.4805, 70.6564



58.2285, 26.4805, 23.6783

Triad

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



54.2911, 26.4805, 70.6564



23.2981, 26.4805, 0.0000



9.9262, 26.4805, 89.4113

Complementary

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



54.2911, 26.4805, 70.6564



36.0503, 71.6362, 13.4447

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.



7.8240, 26.4805, 34.6858



54.2911, 26.4805, 70.6564



13.7102, 26.4805, 1.0681

Square

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



54.2911, 26.4805, 70.6564



37.2183, 26.4805, 0.4940



8.9295, 26.4805, 7.9841



16.0490, 26.4805, 149.3370

Rectangle

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



54.2911, 26.4805, 70.6564



54.5894, 26.4805, 8.4586



8.9295, 26.4805, 7.9841



8.8404, 26.4805, 68.6838

Sweetspot

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



54.2918, 26.4817, 70.6569



73.7106, 59.8804, 93.8976



18.7119, 7.5621, 95.0812



15.2887, 11.9147, 19.7051



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.



54.2918, 26.4817, 70.6569



54.2902, 26.4801, 70.6514



43.2402, 22.0611, 12.4600



18.6823, 18.2562, 22.2101



28.4083, 13.8526, 37.1302



2.7937, 1.3598, 3.7609

Inverse Universe

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



54.2918, 26.4817, 70.6569



54.2902, 26.4801, 70.6514



42.2398, 74.1120, 46.0383



18.6823, 18.2562, 22.2101



28.4083, 13.8526, 37.1302



2.7937, 1.3598, 3.7609

Previews

White Background



This preview shows how the XYZ color 54.2911, 26.4805, 70.6564 looks on a white background.

Color Contrast Check

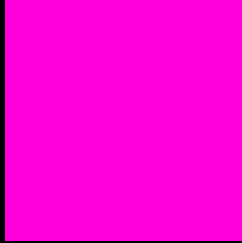
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.2911, 26.4805, 70.6564 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 54.2911, 26.4805, 70.6564

Background



This preview shows how black text looks on a background with the XYZ color 54.2911, 26.4805, 70.6564.



This preview shows how white text looks on a background with the XYZ color 54.2911, 26.4805,

70.6564.

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

54.2911, 26.4805, 70.6564

Protanopia

30.7058, 27.2360, 98.2464

Deuteranopia

27.7268, 27.1322, 62.8072



Tritanopia

42.3021, 26.6438, 13.0384

Trichromacy



Original Color

54.2911, 26.4805, 70.6564



Protanomaly

31.5214, 19.5615, 86.9084



Deuteranomaly

31.0569, 20.0651, 64.5234



Tritanomaly

44.3842, 24.3706, 26.7908

Monochromacy



Original Color

54.2911, 26.4805, 70.6564



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

20.8489, 12.8792, 28.1751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2911, 26.4805, 70.6564 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(255, 0, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 221)  
}
```

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(255, 0, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 221) }
```

Border

The CSS property to change the border of an element to XYZ 54.2911, 26.4805, 70.6564 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(255, 0, 221) }
```


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

```
.border{ border-color:rgb(255, 0, 221) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2911, 26.4805, 70.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 221) }
```

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

```
.background{ background-color: rgb(255, 0,  
221) }
```

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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