

Converting Colors

XYZ(54.4688, 26.5515, 71.5921)

Have a look what the booklet for
XYZ(54.4688, 26.5515, 71.5921)
contains.

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Color

**XYZ(54.4248, 26.5339,
71.3603)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00DE
RGB	255, 0, 222
RGB Percent	100%, 0%, 87%
CMY	0.0000, 0.9998, 0.1294
CMYK	0.00, 1.00, 0.13, 0.00
HSL	308°, 100%, 50%
HSV	308°, 100%, 100%
XYZ	54.4248, 26.5339, 71.3603
YIQ	101.5530, 80.7180, 123.1020

Conversions

Conversions Part 2

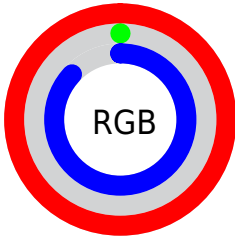
Format	Color
R_{YB}	255, 0, 222
Decimal	16711902
CIE _{Lab}	58.54, 93.90, -45.21
CIE _{LCh}	59, 104.219, 334.293
Yxy	26.5339, 0.3573, 0.1742
Android (android.graphics.Color)	4294901982 (0xFFFF00DE)
YUV	101.5530, 59.3804, 134.5730
Hunter-Lab	51.5111, 98.4525, -46.0790

Details

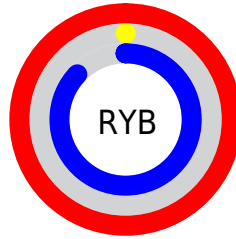
The XYZ color **54.4248, 26.5339, 71.3603** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **36.0359, 71.6304, 13.3693**, and the grayscale version is **12.3566, 13.0001, 14.1572**.

A 20% lighter version of the original color is **64.2403, 38.3806, 98.6301**, and **28.8753, 14.0906, 37.2743** is the 20% darker color. If you saturate the color by 10%, you get **54.4240, 26.5336, 71.3559**, and if you desaturate by 10%, it is **55.2313, 27.4318, 73.8335**.

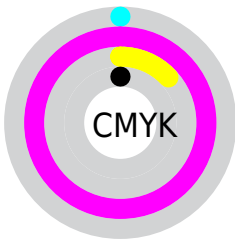
Distribution



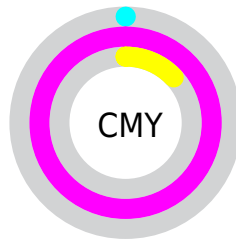
- Red (100%)
- Green (0%)
- Blue (87%)



- 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 54.4248, 26.5339, 71.3603 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 54.4248, 26.5339, 71.3603 by changing the saturation by 10% instead.


 54.4248, 26.5339,
71.3603

 54.4248, 26.5339,
71.3603


393.8998,
285.3932, 484.2295

 39.1734, 17.2235,
52.1526

 95.8509, 54.1350,
122.8459

 27.0760, 10.3940,
36.7437


 122.7564, 73.1945,
155.9608

 17.7672, 5.6609,
24.7149


 154.2772, 96.2725,
194.5487

 10.8816, 2.6400,
15.6477

 190.7788,
123.7533, 239.0279

 6.0540, 0.9468,
9.1235

 232.6265,
156.0214, 289.8170

 2.9189, 0.0000,
4.7239

280.1857,

 1.1110, 0.0000,

193.4611, 347.3347

2.0303

333.8217,
236.4569, 411.9993

■ 0.0343, 0.0000,
0.5738

■ 0.0000, 0.0000,
0.0000

■ 54.4248, 26.5339,
71.3603

■ 54.4248, 26.5339,
71.3603

■ 54.4240, 26.5336,
71.3559

■ 55.2313, 27.4318,
73.8335

■ 56.5133, 29.2670,
76.5080

■ 58.4142, 32.3258,
79.4319

■ 61.0211, 36.7827,
82.6346

■ 64.4075, 42.7842,
86.1408

■ 68.6372, 50.4583,
89.9721

■ 73.7677, 59.9195,
94.1477

■ 79.8513, 71.2726,
98.6854

■ 86.9362, 84.6138,
103.6014

Harmonies

Analogous

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



41.7282, 26.5339, 134.5498



54.4248, 26.5339, 71.3603



58.4621, 26.5339, 23.9424

Triad

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



54.4248, 26.5339, 71.3603



23.4268, 26.5339, 0.0000



9.8923, 26.5339, 89.3408

Complementary

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



54.4248, 26.5339, 71.3603



36.0359, 71.6304, 13.3693

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.



7.8094, 26.5339, 34.4782



54.4248, 26.5339, 71.3603



13.7654, 26.5339, 1.0386

Square

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



54.4248, 26.5339, 71.3603



37.4332, 26.5339, 0.4913



8.9402, 26.5339, 7.8700



16.0018, 26.5339, 149.7625

Rectangle

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



54.4248, 26.5339, 71.3603



54.8533, 26.5339, 8.5492



8.9402, 26.5339, 7.8700



8.8126, 26.5339, 68.5263

Sweetspot

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



54.4254, 26.5351, 71.3608



73.7565, 59.8987, 94.1390



18.5800, 7.4941, 95.0750



15.2998, 11.9192, 19.7636



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.



54.4254, 26.5351, 71.3608



54.4240, 26.5336, 71.3559



43.4349, 22.1388, 13.4852



18.6855, 18.2575, 22.2271



28.4773, 13.8802, 37.4933



2.7997, 1.3623, 3.7928

Inverse Universe

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



54.4254, 26.5351, 71.3608



54.4240, 26.5336, 71.3559



41.8695, 73.9639, 44.0888



18.6855, 18.2575, 22.2271



28.4773, 13.8802, 37.4933



2.7997, 1.3623, 3.7928

Previews

White Background



This preview shows how the XYZ color 54.4248, 26.5339, 71.3603 looks on a white background.

Color Contrast Check

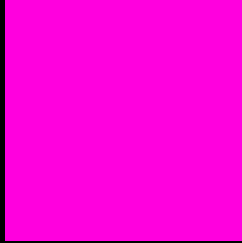
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.4248, 26.5339, 71.3603 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 54.4248, 26.5339, 71.3603

Background



This preview shows how black text looks on a background with the XYZ color 54.4248, 26.5339, 71.3603.



This preview shows how white text looks on a background with the XYZ color 54.4248, 26.5339,

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

54.4248, 26.5339, 71.3603

Protanopia

30.7946, 27.2818, 98.2506

Deuteranopia

27.8495, 27.1812, 63.4532



Tritanopia

42.3021, 26.6438, 13.0384

Trichromacy



Original Color

54.4248, 26.5339, 71.3603



Protanomaly

31.5214, 19.5615, 86.9084



Deuteranomaly

31.1835, 20.1158, 65.1900



Tritanomaly

44.3842, 24.3706, 26.7908

Monochromacy



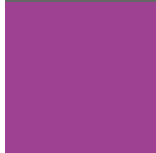
Original Color

54.4248, 26.5339, 71.3603



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

21.1792, 13.1250, 28.6112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4248, 26.5339, 71.3603 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 222) }
```

Border

The CSS property to change the border of an element to XYZ 54.4248, 26.5339, 71.3603 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, 222) }
```


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

```
.border{ border-color:rgb(255, 0, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4248, 26.5339, 71.3603 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, 222) }
```

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

```
.background{ background-color: rgb(255, 0,  
222) }
```

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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