

Converting Colors

XYZ(54.5536, 26.5855, 72.0386)

Have a look what the booklet for
XYZ(54.5536, 26.5855, 72.0386)
contains.

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Color

**XYZ(54.5593, 26.5877,
72.0684)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00DF
RGB	255, 0, 223
RGB Percent	100%, 0%, 87%
CMY	0.0000, 0.9998, 0.1255
CMYK	0.00, 1.00, 0.13, 0.00
HSL	308°, 100%, 50%
HSV	308°, 100%, 100%
XYZ	54.5593, 26.5877, 72.0684
YIQ	101.6670, 80.3970, 123.4130

Conversions

Conversions Part 2

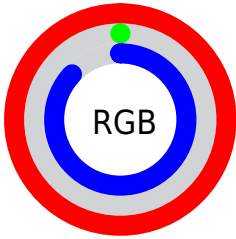
Format	Color
R_{YB}	255, 0, 223
Decimal	16711903
CIE _{Lab}	58.59, 94.03, -45.69
CIE _{LCh}	59, 104.543, 334.083
Yxy	26.5877, 0.3561, 0.1735
Android (android.graphics.Color)	4294901983 (0xFFFF00DF)
YUV	101.6670, 59.8172, 134.4730
Hunter-Lab	51.5633, 98.6359, -46.7735

Details

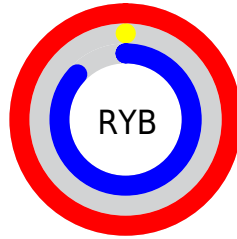
The XYZ color **54.5593, 26.5877, 72.0684** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **36.0220, 71.6249, 13.2965**, and the grayscale version is **12.3850, 13.0299, 14.1896**.

A 20% lighter version of the original color is **64.2403, 38.3806, 98.6301**, and **28.9674, 14.1275, 37.7593** is the 20% darker color. If you saturate the color by 10%, you get **54.5585, 26.5874, 72.0642**, and if you desaturate by 10%, it is **55.3546, 27.4811, 74.4831**.

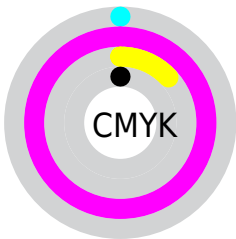
Distribution



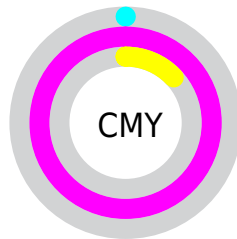
- Red (100%)
- Green (0%)
- Blue (87%)



- 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 54.5593, 26.5877, 72.0684 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 54.5593, 26.5877, 72.0684 by changing the saturation by 10% instead.


 54.5593, 26.5877,
72.0684

 54.5593, 26.5877,
72.0684


394.4029,
285.6553, 486.7636

 39.2814, 17.2638,
52.7274

 96.0471, 54.2215,
123.8624


 27.1604, 10.4228,
37.1989


 122.9877, 73.3003,
157.1525


 17.8310, 5.6802,
25.0646


 154.5466, 96.3995,
195.9293

 10.9277, 2.6516,
15.9057


 191.0891,
123.9034, 240.6114

 6.0851, 0.9527,
9.3038

 232.9806,
156.1966, 291.6173

 2.9381, 0.0000,
4.8404

280.5865,

 1.1211, 0.0000,

193.6634, 349.3656

2.0968

334.2722,
236.6881, 414.2749

■ 0.0427, 0.0000,
0.6139

■ 0.0000, 0.0000,
0.0000

■ 54.5593, 26.5877,
72.0684

■ 54.5593, 26.5877,
72.0684

■ 54.5585, 26.5874,
72.0642

■ 55.3546, 27.4811,
74.4831

■ 56.6251, 29.3117,
77.0963

■ 58.5138, 32.3656,
79.9564

■ 61.1080, 36.8174,
83.0925

64.4812, 42.8136,
86.5293

68.6972, 50.4822,
90.2884

73.8135, 59.9377,
94.3891

79.8823, 71.2848,
98.8491

86.9519, 84.6199,
103.6846

Harmonies

Analogous

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



41.7552, 26.5877, 135.6247



54.5593, 26.5877, 72.0684



58.6967, 26.5877, 24.2083

Triad

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



54.5593, 26.5877, 72.0684



23.5560, 26.5877, 0.0000



9.8588, 26.5877, 89.2720

Complementary

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



54.5593, 26.5877, 72.0684



36.0220, 71.6249, 13.2965

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.



7.7949, 26.5877, 34.2725



54.5593, 26.5877, 72.0684



13.8208, 26.5877, 1.0097

Square

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



54.5593, 26.5877, 72.0684



37.6490, 26.5877, 0.4887



8.9511, 26.5877, 7.7574



15.9551, 26.5877, 150.1902

Rectangle

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



54.5593, 26.5877, 72.0684



55.1184, 26.5877, 8.6405



8.9511, 26.5877, 7.7574



8.7851, 26.5877, 68.3705

Sweetspot

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



54.5599, 26.5888, 72.0689



73.8024, 59.9171, 94.3806



18.5800, 7.4940, 95.0750



15.3110, 11.9236, 19.8222



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.



54.5599, 26.5888, 72.0689



54.5585, 26.5874, 72.0642



43.4348, 22.1388, 13.4852



18.6887, 18.2588, 22.2440



28.5466, 13.9079, 37.8583



2.8058, 1.3647, 3.8247

Inverse Universe

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



54.5599, 26.5888, 72.0689



54.5585, 26.5874, 72.0642



41.8695, 73.9639, 44.0887



18.6887, 18.2588, 22.2440



28.5466, 13.9079, 37.8583



2.8058, 1.3647, 3.8247

Previews

White Background



This preview shows how the XYZ color 54.5593, 26.5877, 72.0684 looks on a white background.

Color Contrast Check

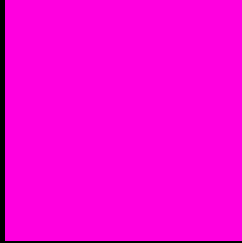
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.5593, 26.5877, 72.0684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

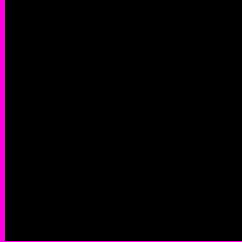
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.5593, 26.5877, 72.0684

Background



This preview shows how black text looks on a background with the XYZ color 54.5593, 26.5877, 72.0684.



This preview shows how white text looks on a background with the XYZ color 54.5593, 26.5877,

72.0684.

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

54.5593, 26.5877, 72.0684

Protanopia

30.9388, 27.5701, 98.2986

Deuteranopia

27.8436, 27.1639, 64.0972



Tritanopia

42.4277, 26.8244, 13.2974

Trichromacy



Original Color

54.5593, 26.5877, 72.0684



Protanomaly

31.5214, 19.5615, 86.9084



Deuteranomaly

31.3108, 20.1667, 65.8606



Tritanomaly

44.5056, 24.4960, 27.1934

Monochromacy



Original Color

54.5593, 26.5877, 72.0684



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 54.5593, 26.5877, 72.0684 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 223) }
```

Border

The CSS property to change the border of an element to XYZ 54.5593, 26.5877, 72.0684 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, 223) }
```


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

```
.border{ border-color:rgb(255, 0, 223) }
```

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, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5593, 26.5877, 72.0684 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, 223) }
```

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

```
.background{ background-color: rgb(255, 0,  
223) }
```

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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