

Converting Colors

XYZ(50.2677, 26.9610, 53.5935)

Have a look what the booklet for
XYZ(50.2677, 26.9610, 53.5935)
contains.

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Color

**XYZ(50.2677, 26.9610,
53.5935)**

Conversions

Conversions Part 1

Format	Color
Hex	F939C2
RGB	249, 57, 194
RGB Percent	98%, 22%, 76%
CMY	0.0235, 0.7764, 0.2392
CMYK	0.00, 0.77, 0.22, 0.02
HSL	317°, 94%, 60%
HSV	317°, 77%, 98%
XYZ	50.2677, 26.9610, 53.5935
YIQ	130.0260, 70.4550, 83.3110

Conversions

Conversions Part 2

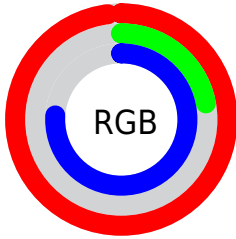
Format	Color
R _Y B	249, 57, 194
Decimal	16333250
CIE Lab	58.94, 81.34, -28.71
CIE LCh	59, 86.254, 340.560
Yxy	26.9610, 0.3842, 0.2061
Android (android.graphics.Color)	4294523330 (0xFFFF939C2)
YUV	130.0260, 31.5392, 104.3402
Hunter-Lab	51.9240, 81.9392, -24.8496

Details

The XYZ color **50.2677, 26.9610, 53.5935** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **38.4893, 69.7922, 26.7755**, and the grayscale version is **21.1040, 22.2030, 24.1791**.

A 20% lighter version of the original color is **65.7355, 42.3910, 95.9844**, and **25.4727, 12.5848, 25.8975** is the 20% darker color. If you saturate the color by 10%, you get **48.5422, 24.7611, 49.1601**, and if you desaturate by 10%, it is **52.6362, 30.3846, 58.4314**.

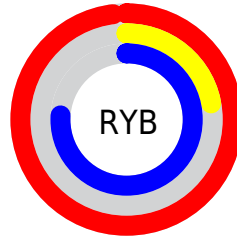
Distribution



Red (98%)

Green (22%)

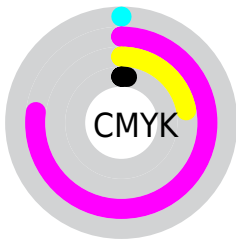
Blue (76%)



Red (98%)

Yellow (22%)

Blue (76%)

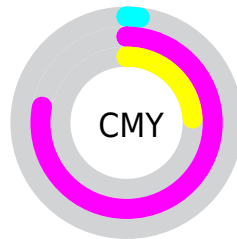


Cyan (0%)

Magenta (77%)

Yellow (22%)

Black (2%)



Cyan (2%)

Magenta (78%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2677, 26.9610, 53.5935 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 50.2677, 26.9610, 53.5935 by changing the saturation by 10% instead.


 50.2677, 26.9610,
53.5935


 50.2677, 26.9610,
53.5935

378.1466,
287.4682, 417.6887

 35.8448, 17.5439,
37.8858


 89.7608, 54.8213,
96.9275


 24.4839, 10.6231,
25.5929


 115.5618, 74.0333,
125.3909


 15.8197, 5.8140,
16.2963


 145.8862, 97.2791,
158.9433

 9.4867, 2.7323,
9.5775

 181.0993,
124.9430, 198.0032

 5.1196, 0.9936,
5.0178

 221.5666,
157.4095, 242.9891

 2.3531, 0.0000,
2.1988

267.6533,

 0.8216, 0.0000,

195.0629, 294.3196

0.6737

319.7249,
238.2877, 352.4133

■ 0.0000, 0.0000,
0.0000

■ 50.2677, 26.9610,
53.5935

■ 50.2677, 26.9610,
53.5935

■ 48.5422, 24.7611,
49.1601

■ 52.6362, 30.3846,
58.4314

■ 47.3566, 23.5809,
45.0936


■ 55.7234, 35.1834,
63.7010


■ 47.0698, 23.3409,
43.9692


■ 59.5968, 41.4914,
69.4276

■ 64.3152, 49.4255,
75.6331

■ 69.9317, 59.0909,
82.3378

 76.4949, 70.5842,
89.5602

 84.0498, 83.9945,
97.3177

 92.2503, 98.6291,
105.4973

 92.8772, 98.8799,
108.7983

Harmonies

Analogous

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



41.4261, 26.9610, 100.5066



50.2677, 26.9610, 53.5935



51.5680, 26.9610, 19.8461

Triad

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



50.2677, 26.9610, 53.5935



22.0447, 26.9610, 1.1921



12.9794, 26.9610, 86.5812

Complementary

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



50.2677, 26.9610, 53.5935



38.4893, 69.7922, 26.7755

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.



10.2788, 26.9610, 41.5020



50.2677, 26.9610, 53.5935



14.4607, 26.9610, 3.5136

Square

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



50.2677, 26.9610, 53.5935



33.0834, 26.9610, 1.4927



10.7328, 26.9610, 13.8139



19.3824, 26.9610, 127.0217

Rectangle

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



50.2677, 26.9610, 53.5935



47.6792, 26.9610, 8.4619



10.7328, 26.9610, 13.8139



11.7015, 26.9610, 70.5421

Sweetspot

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



50.2686, 26.9624, 53.5940



76.5207, 67.0826, 89.9568



25.1699, 13.1732, 90.8393



15.8639, 13.4610, 18.6759



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.



50.2686, 26.9624, 53.5940



50.4302, 25.2783, 49.2697



42.7644, 23.9607, 14.0777



17.7686, 17.4348, 20.6372



25.2599, 12.5197, 23.8748



2.3852, 1.1778, 2.4519

Inverse Universe

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



50.2686, 26.9624, 53.5940



50.4302, 25.2783, 49.2697



46.8758, 73.1468, 70.9384



17.7686, 17.4348, 20.6372



25.2599, 12.5197, 23.8748



2.3852, 1.1778, 2.4519

Previews

White Background



This preview shows how the XYZ color 50.2677, 26.9610, 53.5935 looks on a white background.

Color Contrast Check

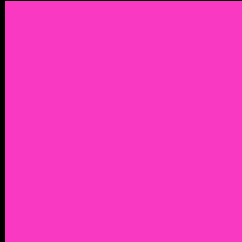
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.2677, 26.9610, 53.5935 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 50.2677, 26.9610, 53.5935

Background



This preview shows how black text looks on a background with the XYZ color 50.2677, 26.9610, 53.5935.



This preview shows how white text looks on a background with the XYZ color 50.2677, 26.9610,

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

50.2677, 26.9610, 53.5935

Protanopia

30.9762, 27.3754, 98.2591

Deuteranopia

27.7568, 27.2434, 48.5953



Tritanopia

42.0431, 26.8576, 14.0345

Trichromacy



Original Color

50.2677, 26.9610, 53.5935



Protanomaly

31.8537, 22.8402, 79.8205



Deuteranomaly

32.4501, 23.9698, 49.9300



Tritanomaly

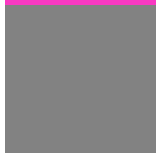
44.1975, 26.3478, 24.5860

Monochromacy



Original Color

50.2677, 26.9610, 53.5935



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

27.8336, 20.8846, 32.7011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2677, 26.9610, 53.5935 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(249, 57, 194)` looks like.

```
.text, #text, p{  
    color:rgb(249, 57, 194)  
}
```

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(249, 57, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 57, 194) }
```

Border

The CSS property to change the border of an element to XYZ 50.2677, 26.9610, 53.5935 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(249, 57, 194) }
```


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

```
.border{ border-color:rgb(249, 57, 194) }
```

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

Here you see how a box with a 4 pixel rgb(249, 57, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 57, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 57, 194);  
box-shadow:4px 4px 4px 4px rgb(249, 57,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2677, 26.9610, 53.5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 57, 194) }
```

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

```
.background{ background-color: rgb(249, 57,  
194) }
```

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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