

Converting Colors

XYZ(51.7048, 29.2677, 54.2563)

Have a look what the booklet for
XYZ(51.7048, 29.2677, 54.2563)
contains.

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Color

**XYZ(51.6780, 29.2512,
53.9612)**

Conversions

Conversions Part 1

Format	Color
Hex	FA4BC2
RGB	250, 75, 194
RGB Percent	98%, 29%, 76%
CMY	0.0196, 0.7058, 0.2392
CMYK	0.00, 0.70, 0.22, 0.02
HSL	319°, 95%, 64%
HSV	319°, 70%, 98%
XYZ	51.6780, 29.2512, 53.9612
YIQ	140.8910, 66.1010, 74.1090

Conversions

Conversions Part 2

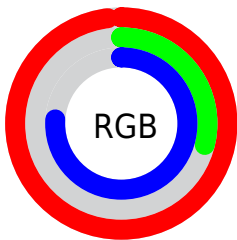
Format	Color
R_{YB}	250, 75, 194
Decimal	16403394
CIE _{Lab}	61.00, 76.18, -25.51
CIE _{LCh}	61, 80.342, 341.488
Yxy	29.2512, 0.3831, 0.2169
Android (android.graphics.Color)	4294593474 (0xFFFA4BC2)
YUV	140.8910, 26.1827, 95.6886
Hunter-Lab	54.0844, 75.9103, -21.2959

Details

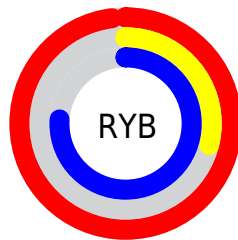
The XYZ color **51.6780, 29.2512, 53.9612** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed magenta. A complement of this color would be **41.1856, 71.5067, 33.1079**, and the grayscale version is **25.1592, 26.4694, 28.8252**.

A 20% lighter version of the original color is **67.4567, 45.8334, 96.5581**, and **25.7199, 12.7123, 25.9091** is the 20% darker color. If you saturate the color by 10%, you get **49.4285, 26.1513, 48.8969**, and if you desaturate by 10%, it is **54.6434, 33.7047, 59.5033**.

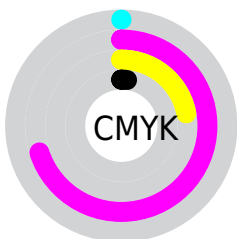
Distribution



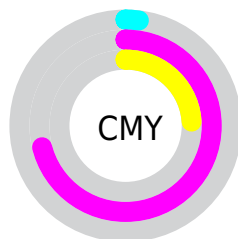
- Red (98%)
- Green (29%)
- Blue (76%)



- Red (98%)
- Yellow (29%)
- Blue (76%)



- Cyan (0%)
- Magenta (70%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (71%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6780, 29.2512, 53.9612 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 51.6780, 29.2512, 53.9612 by changing the saturation by 10% instead.


 51.6780, 29.2512,
53.9612


 51.6780, 29.2512,
53.9612

383.5367,
298.3983, 419.1325


 36.9717, 19.2709,
38.1777


 91.8332, 58.4760,
97.4731


 25.3592, 11.8662,
25.8177


 118.0129, 78.4892,
126.0386

 16.4750, 6.6526,
16.4628


 148.7477,
102.6156, 159.7017

 9.9539, 3.2458,
9.6943

 184.4030,
131.2396, 198.8812

 5.4304, 1.2614,
5.0938

225.3442,
164.7454, 243.9955

 2.5393, 0.1110,
2.2427

271.9367,

 0.9151, 0.0000,

203.5175, 295.4631

0.6989

324.5457,
247.9404, 353.7026

■ 0.0000, 0.0000,
0.0000

■ 51.6780, 29.2512,
53.9612

■ 51.6780, 29.2512,
53.9612

■ 49.4285, 26.1513,
48.8969

■ 54.6434, 33.7047,
59.5033

■ 47.8082, 24.2341,
44.2771

■ 58.3925, 39.6472,
65.5487


■ 46.6802, 23.2265,
40.0526


■ 62.9877, 47.2022,
72.1220

■ 46.6798, 23.2262,
40.0509

■ 68.4843, 56.4792,
79.2452

■ 74.9329, 67.5782,
86.9385

 82.3801, 80.5913,
95.2207

 90.8693, 95.6043,
104.1097

 93.2345, 99.0641,
108.8150

Harmonies

Analogous

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



43.4367, 29.2512, 97.7649



51.6780, 29.2512, 53.9612



52.6518, 29.2512, 21.6658

Triad

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



51.6780, 29.2512, 53.9612



23.9721, 29.2512, 2.1468



15.2551, 29.2512, 87.5623

Complementary

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



51.6780, 29.2512, 53.9612



41.1856, 71.5067, 33.1079

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.



12.3394, 29.2512, 44.8093



51.6780, 29.2512, 53.9612



16.4576, 29.2512, 5.2037

Square

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



51.6780, 29.2512, 53.9612



34.7179, 29.2512, 2.4650



12.7157, 29.2512, 16.7926



21.8722, 29.2512, 124.1610

Rectangle

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



51.6780, 29.2512, 53.9612



48.8174, 29.2512, 10.1886



12.7157, 29.2512, 16.7926



13.8950, 29.2512, 72.6030

Sweetspot

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



51.6789, 29.2527, 53.9617



77.6442, 69.4084, 90.0883



29.0433, 16.7151, 92.1384



16.2043, 14.1394, 18.7972



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.



51.6789, 29.2527, 53.9617



50.9371, 26.3965, 49.1171



44.6000, 26.4211, 16.6844



17.7429, 17.4245, 20.5016



24.8288, 12.3472, 21.6047



2.3479, 1.1629, 2.2552

Inverse Universe

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



51.6789, 29.2527, 53.9617



50.9371, 26.3965, 49.1171



49.7325, 74.9255, 78.1150



17.7429, 17.4245, 20.5016



24.8288, 12.3472, 21.6047



2.3479, 1.1629, 2.2552

Previews

White Background



This preview shows how the XYZ color 51.6780, 29.2512, 53.9612 looks on a white background.

Color Contrast Check

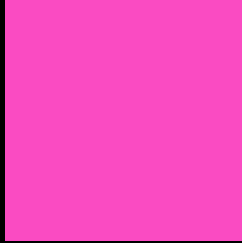
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.6780, 29.2512, 53.9612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

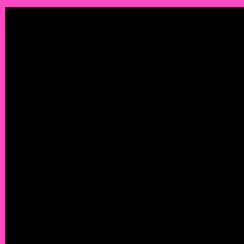
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 51.6780, 29.2512, 53.9612

Background



This preview shows how black text looks on a background with the XYZ color 51.6780, 29.2512, 53.9612.



This preview shows how white text looks on a background with the XYZ color 51.6780, 29.2512,

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

51.6780, 29.2512, 53.9612

Protanopia

32.6255, 29.6669, 92.8137

Deuteranopia

29.9527, 29.2468, 49.4139



Tritanopia

43.8290, 29.0531, 17.2077

Trichromacy



Original Color

51.6780, 29.2512, 53.9612



Protanomaly

34.5050, 25.9632, 76.5916



Deuteranomaly

34.9653, 26.7696, 50.9011



Tritanomaly

46.0575, 28.7587, 27.5496

Monochromacy



Original Color

51.6780, 29.2512, 53.9612



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

31.7625, 25.0844, 36.4254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6780, 29.2512, 53.9612 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(250, 75, 194)` looks like.

```
.text, #text, p{  
    color:rgb(250, 75, 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(250, 75, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 75, 194) }
```

Border

The CSS property to change the border of an element to XYZ 51.6780, 29.2512, 53.9612 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(250, 75, 194) }
```


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

```
.border{ border-color:rgb(250, 75, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 75, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 75, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 75, 194);  
box-shadow:4px 4px 4px 4px rgb(250, 75,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6780, 29.2512, 53.9612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 75, 194) }
```

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

```
.background{ background-color: rgb(250, 75,  
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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