

Converting Colors

XYZ(51.6986, 26.9163, 52.4633)

Have a look what the booklet for
XYZ(51.6986, 26.9163, 52.4633)
contains.

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Color

**XYZ(51.6928, 26.9425,
52.3451)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2DC0
RGB	255, 45, 192
RGB Percent	100%, 18%, 75%
CMY	0.0000, 0.8235, 0.2471
CMYK	0.00, 0.82, 0.25, 0.00
HSL	318°, 100%, 59%
HSV	318°, 82%, 100%
XYZ	51.6928, 26.9425, 52.3451
YIQ	124.5480, 77.9730, 90.2370

Conversions

Conversions Part 2

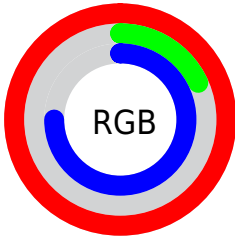
Format	Color
R _Y B	255, 45, 192
Decimal	16723392
CIE Lab	58.92, 85.20, -27.50
CIE LCh	59, 89.525, 342.110
Yxy	26.9425, 0.3947, 0.2057
Android (android.graphics.Color)	4294913472 (0xFFFF2DC0)
YUV	124.5480, 33.2538, 114.4064
Hunter-Lab	51.9062, 86.9305, -23.4571

Details

The XYZ color **51.6928, 26.9425, 52.3451** 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 **39.5506, 73.1613, 26.2289**, and the grayscale version is **19.2179, 20.2187, 22.0182**.

A 20% lighter version of the original color is **64.7002, 40.8221, 94.0919**, and **26.5798, 13.1724, 25.1864** is the 20% darker color. If you saturate the color by 10%, you get **50.1702, 25.2188, 47.7634**, and if you desaturate by 10%, it is **53.8472, 29.8591, 57.3553**.

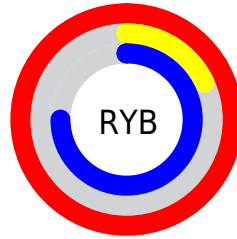
Distribution



Red (100%)

Green (18%)

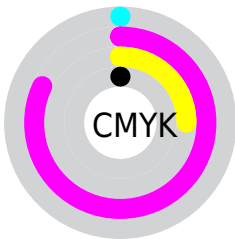
Blue (75%)



Red (100%)

Yellow (18%)

Blue (75%)

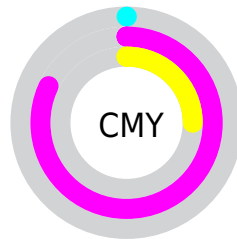


Cyan (0%)

Magenta (82%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6928, 26.9425, 52.3451 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 51.6928, 26.9425, 52.3451 by changing the saturation by 10% instead.


 51.6928, 26.9425,
52.3451


 51.6928, 26.9425,
52.3451

383.5930,
287.3786, 412.7622


 36.9835, 17.5300,
36.8961

 91.8549, 54.7916,
95.0717


 25.3684, 10.6131,
24.8319


 118.0385, 73.9970,
123.1865


 16.4819, 5.8073,
15.7340

 148.7776, 97.2355,
156.3602

 9.9588, 2.7283,
9.1838

 184.4376,
124.8916, 195.0114

 5.4337, 0.9916,
4.7628

 225.3837,
157.3495, 239.5586

 2.5413, 0.0000,
2.0525

271.9814,

 0.9161, 0.0000,

194.9937, 290.4205

0.5873

324.5961,
238.2086, 348.0155

■ 0.0000, 0.0000,
0.0000

■ 51.6928, 26.9425,
52.3451

■ 51.6928, 26.9425,
52.3451

■ 50.1702, 25.2188,
47.7634

■ 53.8472, 29.8591,
57.3553


■ 49.3256, 24.4943,
44.5084


■ 56.7238, 34.1486,
62.8266


■ 60.3999, 39.9645,
68.7882

■ 64.9421, 47.4389,
75.2653

■ 70.4096, 56.6895,
82.2807

 76.8564, 67.8232,
89.8552

 84.3322, 80.9384,
98.0085

 92.8831, 96.1266,
106.7586

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



42.7083, 26.9425, 101.8372



51.6928, 26.9425, 52.3451



52.5858, 26.9425, 18.3104

Triad

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



51.6928, 26.9425, 52.3451



21.3950, 26.9425, 0.9828



12.8350, 26.9425, 92.1875

Complementary

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



51.6928, 26.9425, 52.3451



39.5506, 73.1613, 26.2289

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.



9.9189, 26.9425, 44.0821



51.6928, 26.9425, 52.3451



13.8172, 26.9425, 3.3643

Square

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



51.6928, 26.9425, 52.3451



32.7234, 26.9425, 1.1576



10.2172, 26.9425, 14.3048



19.6070, 26.9425, 134.0804

Rectangle

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



51.6928, 26.9425, 52.3451



48.2151, 26.9425, 7.3917



10.2172, 26.9425, 14.3048



11.4729, 26.9425, 75.1670

Sweetspot

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



51.6935, 26.9438, 52.3456



75.0473, 64.6795, 87.7896



25.1748, 12.2869, 95.6525



15.5741, 12.9985, 18.2185



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.



51.6935, 26.9438, 52.3456



49.4306, 24.5805, 44.9248



43.8999, 23.8264, 11.3049



18.5469, 18.2021, 21.4969



25.8429, 12.8264, 23.6207



2.5646, 1.2682, 2.5544

Inverse Universe

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



51.6935, 26.9438, 52.3456



49.4306, 24.5805, 44.9248



48.8536, 76.8825, 75.2180



18.5469, 18.2021, 21.4969



25.8429, 12.8264, 23.6207



2.5646, 1.2682, 2.5544

Previews

White Background



This preview shows how the XYZ color 51.6928, 26.9425, 52.3451 looks on a white background.

Color Contrast Check

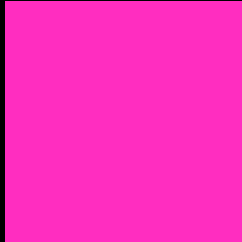
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.6928, 26.9425, 52.3451 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 51.6928, 26.9425, 52.3451

Background



This preview shows how black text looks on a background with the XYZ color 51.6928, 26.9425, 52.3451.



This preview shows how white text looks on a background with the XYZ color 51.6928, 26.9425,

52.3451.

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

51.6928, 26.9425, 52.3451

Protanopia

30.9762, 27.3754, 98.2591

Deuteranopia

27.6242, 26.9948, 46.9346



Tritanopia

43.3313, 26.8361, 12.3473

Trichromacy



Original Color

51.6928, 26.9425, 52.3451



Protanomaly

31.5484, 21.9299, 78.9140



Deuteranomaly

32.2937, 23.1475, 48.1133



Tritanomaly

45.3804, 26.2107, 22.4060

Monochromacy



Original Color

51.6928, 26.9425, 52.3451



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

26.6209, 19.3063, 30.7572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6928, 26.9425, 52.3451 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, 45, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 45, 192)  
}
```

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, 45, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 45, 192) }
```

Border

The CSS property to change the border of an element to XYZ 51.6928, 26.9425, 52.3451 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, 45, 192) }
```


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

```
.border{ border-color:rgb(255, 45, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 45, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 45, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 45, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 45,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6928, 26.9425, 52.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 45, 192) }
```

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

```
.background{ background-color: rgb(255, 45,  
192) }
```

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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