

Converting Colors

XYZ(51.0582, 26.0582, 50.9470)

Have a look what the booklet for
XYZ(51.0582, 26.0582, 50.9470)
contains.

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Color

**XYZ(51.0781, 26.0654,
51.0542)**

Conversions

Conversions Part 1

Format	Color
Hex	FF21BE
RGB	255, 33, 190
RGB Percent	100%, 13%, 75%
CMY	0.0000, 0.8705, 0.2549
CMYK	0.00, 0.87, 0.25, 0.00
HSL	318°, 100%, 56%
HSV	318°, 87%, 100%
XYZ	51.0781, 26.0654, 51.0542
YIQ	117.2760, 81.9150, 95.8910

Conversions

Conversions Part 2

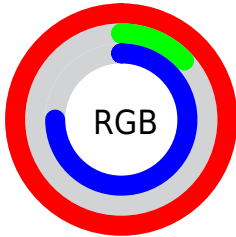
Format	Color
R _Y B	255, 33, 190
Decimal	16720318
CIE _{Lab}	58.10, 87.12, -27.62
CIE _{LCh}	58, 91.389, 342.409
Yxy	26.0654, 0.3984, 0.2033
Android (android.graphics.Color)	4294910398 (0xFFFF21BE)
YUV	117.2760, 35.8529, 120.7839
Hunter-Lab	51.0543, 89.2383, -23.5519

Details

The XYZ color **51.0781, 26.0654, 51.0542** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **38.5936, 72.7260, 23.5644**, and the grayscale version is **16.8723, 17.7510, 19.3308**.

A 20% lighter version of the original color is **63.7129, 39.3443, 92.2319**, and **26.4363, 13.1150, 24.4307** is the 20% darker color. If you saturate the color by 10%, you get **49.8204, 24.8228, 46.7110**, and if you desaturate by 10%, it is **52.9113, 28.3918, 55.7960**.

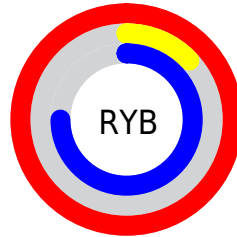
Distribution



Red (100%)

Green (13%)

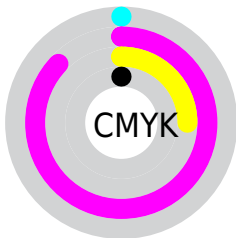
Blue (75%)



Red (100%)

Yellow (13%)

Blue (75%)

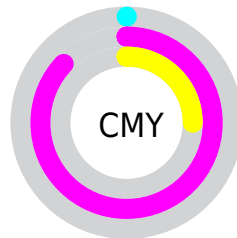


Cyan (0%)

Magenta (87%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (87%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0781, 26.0654, 51.0542 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 51.0781, 26.0654, 51.0542 by changing the saturation by 10% instead.


 51.0781, 26.0654,
51.0542


 51.0781, 26.0654,
51.0542


381.2498,
283.1030, 407.6269


 36.4921, 16.8726,
35.8747


 90.9525, 53.3804,
93.1472

 24.9863, 10.1437,
24.0485


 116.9716, 72.2714,
120.8978


 16.1955, 5.4943,
15.1571


 147.5324, 95.1639,
153.6759

 9.7544, 2.5401,
8.7819

 183.0003,
122.4424, 191.8999

 5.2974, 0.8967,
4.5043

 223.7406,
154.4911, 235.9885

 2.4593, 0.0000,
1.9059

270.1188,

 0.8748, 0.0000,

191.6945, 286.3602

0.4965

322.5000,
234.4370, 343.4335

■ 0.0000, 0.0000,
0.0000

■ 51.0781, 26.0654,
51.0542

■ 51.0781, 26.0654,
51.0542

■ 49.8204, 24.8228,
46.7110

■ 52.9113, 28.3918,
55.7960

■ 49.5119, 24.5688,
45.4894

■ 55.4236, 32.0089,
60.9732

■ 58.6990, 37.0830,
66.6170

■ 62.8080, 43.7548,
72.7538

■ 67.8132, 52.1480,
79.4072

73.7706, 62.3743,
86.5988

80.7319, 74.5359,
94.3483

88.7449, 88.7274,
102.6743

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.



42.0624, 26.0654, 101.2835



51.0781, 26.0654, 51.0542



51.8886, 26.0654, 17.2020

Triad

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



51.0781, 26.0654, 51.0542



20.4798, 26.0654, 0.7632



12.1560, 26.0654, 92.4586

Complementary

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



51.0781, 26.0654, 51.0542



38.5936, 72.7260, 23.5644

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.



9.2682, 26.0654, 43.5830



51.0781, 26.0654, 51.0542



13.0217, 26.0654, 2.9812

Square

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



51.0781, 26.0654, 51.0542



31.7735, 26.0654, 0.9128



9.5290, 26.0654, 13.6664



18.8869, 26.0654, 135.0239

Rectangle

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



51.0781, 26.0654, 51.0542



47.4148, 26.0654, 6.6537



9.5290, 26.0654, 13.6664



10.8082, 26.0654, 75.1371

Sweetspot

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



51.0788, 26.0667, 51.0546



74.4533, 63.5583, 87.3857



23.4096, 10.7913, 95.4568



15.4628, 12.7851, 18.1533



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.



51.0788, 26.0667, 51.0546



49.5119, 24.5688, 45.4894



43.2741, 22.9449, 9.9558



18.5527, 18.2044, 21.5274



25.9394, 12.8651, 24.1293



2.5734, 1.2717, 2.6008

Inverse Universe

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



51.0788, 26.0667, 51.0546



49.5119, 24.5688, 45.4894



47.6388, 76.3441, 71.1957



18.5527, 18.2044, 21.5274



25.9394, 12.8651, 24.1293



2.5734, 1.2717, 2.6008

Previews

White Background



This preview shows how the XYZ color 51.0781, 26.0654, 51.0542 looks on a white background.

Color Contrast Check

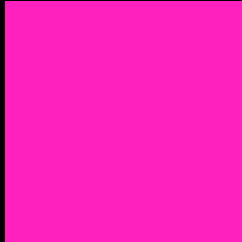
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.0781, 26.0654, 51.0542 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 51.0781, 26.0654, 51.0542

Background



This preview shows how black text looks on a background with the XYZ color 51.0781, 26.0654, 51.0542.



This preview shows how white text looks on a background with the XYZ color 51.0781, 26.0654,

51.0542.

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

51.0781, 26.0654, 51.0542

Protanopia

30.2475, 26.5776, 98.1435

Deuteranopia

26.8131, 26.1740, 45.7584



Tritanopia

42.7540, 26.0062, 11.1538

Trichromacy



Original Color

51.0781, 26.0654, 51.0542



Protanomaly

30.3872, 20.6225, 77.9803



Deuteranomaly

31.2654, 21.7661, 46.8094



Tritanomaly

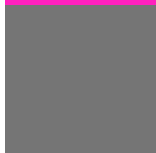
44.7221, 25.1993, 21.2457

Monochromacy



Original Color

51.0781, 26.0654, 51.0542



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

24.2982, 16.8847, 28.3640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0781, 26.0654, 51.0542 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, 33, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 33, 190)  
}
```

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, 33, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 33, 190) }
```

Border

The CSS property to change the border of an element to XYZ 51.0781, 26.0654, 51.0542 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, 33, 190) }
```


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

```
.border{ border-color:rgb(255, 33, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 33, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 33, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 33, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 33,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0781, 26.0654, 51.0542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 33, 190) }
```

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

```
.background{ background-color: rgb(255, 33,  
190) }
```

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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