

Converting Colors

XYZ(51.1296, 26.3377, 50.5497)

Have a look what the booklet for
XYZ(51.1296, 26.3377, 50.5497)
contains.

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Color

**XYZ(51.1184, 26.3203,
50.5302)**

Conversions

Conversions Part 1

Format	Color
Hex	FF26BD
RGB	255, 38, 189
RGB Percent	100%, 15%, 74%
CMY	0.0000, 0.8509, 0.2588
CMYK	0.00, 0.85, 0.26, 0.00
HSL	318°, 100%, 57%
HSV	318°, 85%, 100%
XYZ	51.1184, 26.3203, 50.5302
YIQ	120.0970, 80.8610, 92.9650

Conversions

Conversions Part 2

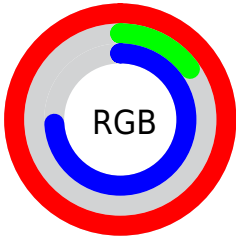
Format	Color
R _Y B	255, 38, 189
Decimal	16721597
CIE Lab	58.34, 86.18, -26.67
CIE LCh	58, 90.217, 342.804
Yxy	26.3203, 0.3995, 0.2057
Android (android.graphics.Color)	4294911677 (0xFFFF26BD)
YUV	120.0970, 33.9692, 118.3099
Hunter-Lab	51.3033, 88.0758, -22.4842

Details

The XYZ color **51.1184, 26.3203, 50.5302** 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 **39.0597, 72.9323, 25.1205**, and the grayscale version is **17.7635, 18.6886, 20.3519**.

A 20% lighter version of the original color is **63.6266, 39.6628, 90.6884**, and **26.3655, 13.0867, 24.0580** is the 20% darker color. If you saturate the color by 10%, you get **49.7434, 24.8819, 46.0284**, and if you desaturate by 10%, it is **53.0966, 28.8929, 55.4557**.

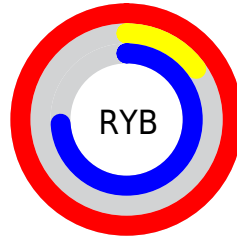
Distribution



Red (100%)

Green (15%)

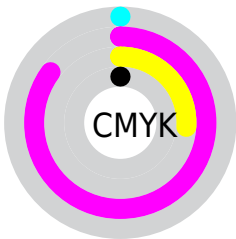
Blue (74%)



Red (100%)

Yellow (15%)

Blue (74%)

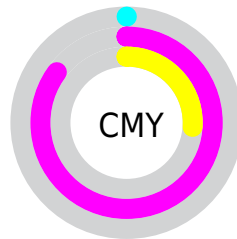


Cyan (0%)

Magenta (85%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1184, 26.3203, 50.5302 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 51.1184, 26.3203, 50.5302 by changing the saturation by 10% instead.


 51.1184, 26.3203,
50.5302


 51.1184, 26.3203,
50.5302


381.4037,
284.3509, 405.5301


 36.5243, 17.0634,
35.4607


 91.0117, 53.7912,
92.3643


 25.0114, 10.2797,
23.7316


 117.0416, 72.7740,
119.9661

 16.2143, 5.5848,
14.9243


 147.6141, 95.7676,
152.5823

 9.7677, 2.5943,
8.6202

 183.0946,
123.1564, 190.6316

 5.3063, 0.9238,
4.4009

 223.8485,
155.3247, 234.5325

 2.4647, 0.0000,
1.8478

270.2411,

 0.8775, 0.0000,

192.6569, 284.7035

0.4592

322.6377,
235.5375, 341.5632

■ 0.0000, 0.0000,
0.0000

■ 51.1184, 26.3203,
50.5302

■ 51.1184, 26.3203,
50.5302

■ 49.7434, 24.8819,
46.0284

■ 53.0966, 28.8929,
55.4557


■ 49.2193, 24.4517,
43.9486


■ 55.7748, 32.7924,
60.8399

■ 59.2338, 38.1793,
66.7132

■ 63.5427, 45.1906,
73.1019

■ 68.7625, 53.9475,
80.0293

 74.9485, 64.5596,
87.5171

 82.1516, 77.1274,
95.5853

 90.4188, 91.7443,
104.2524

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.



42.2966, 26.3203, 99.9327



51.1184, 26.3203, 50.5302



51.7962, 26.3203, 17.2302

Triad

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



51.1184, 26.3203, 50.5302



20.6199, 26.3203, 0.8818



12.4957, 26.3203, 92.5805

Complementary

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



51.1184, 26.3203, 50.5302



39.0597, 72.9323, 25.1205

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.



9.5511, 26.3203, 44.2706



51.1184, 26.3203, 50.5302



13.2304, 26.3203, 3.2409

Square

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



51.1184, 26.3203, 50.5302



31.7980, 26.3203, 1.0075



9.7734, 26.3203, 14.2323



19.2753, 26.3203, 134.0539

Rectangle

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



51.1184, 26.3203, 50.5302



47.3118, 26.3203, 6.7860



9.7734, 26.3203, 14.2323



11.1276, 26.3203, 75.5353

Sweetspot

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



51.1191, 26.3216, 50.5306



74.3444, 63.5148, 86.8123



24.3503, 11.4978, 95.5436



15.4368, 12.7747, 18.0163



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.



51.1191, 26.3216, 50.5306



49.2193, 24.4517, 43.9486



43.4346, 23.2478, 10.0646



18.5435, 18.2007, 21.4794



25.7877, 12.8044, 23.3305



2.5595, 1.2662, 2.5279

Inverse Universe

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



51.1191, 26.3216, 50.5306



49.2193, 24.4517, 43.9486



48.3938, 76.6659, 74.2731



18.5435, 18.2007, 21.4794



25.7877, 12.8044, 23.3305



2.5595, 1.2662, 2.5279

Previews

White Background



This preview shows how the XYZ color 51.1184, 26.3203, 50.5302 looks on a white background.

Color Contrast Check

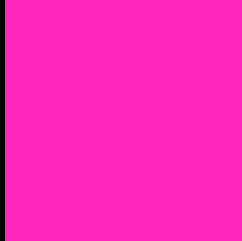
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.1184, 26.3203, 50.5302 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 51.1184, 26.3203, 50.5302

Background



This preview shows how black text looks on a background with the XYZ color 51.1184, 26.3203, 50.5302.



This preview shows how white text looks on a background with the XYZ color 51.1184, 26.3203,

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

51.1184, 26.3203, 50.5302

Protanopia

30.4753, 26.9052, 98.1947

Deuteranopia

27.0160, 26.5022, 45.2865



Tritanopia

42.9399, 26.3149, 11.4104

Trichromacy



Original Color

51.1184, 26.3203, 50.5302



Protanomaly

30.7545, 21.0966, 78.0524



Deuteranomaly

31.6823, 22.4226, 46.3742



Tritanomaly

44.8898, 25.5346, 21.3016

Monochromacy



Original Color

51.1184, 26.3203, 50.5302



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

25.1292, 17.7917, 28.8977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1184, 26.3203, 50.5302 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, 38, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 189)  
}
```

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, 38, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 189) }
```

Border

The CSS property to change the border of an element to XYZ 51.1184, 26.3203, 50.5302 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, 38, 189) }
```


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

```
.border{ border-color:rgb(255, 38, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 38, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 38, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 38, 189); box-shadow:4px 4px 4px 4px rgb(255, 38, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1184, 26.3203, 50.5302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 38, 189) }
```

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

```
.background{ background-color: rgb(255, 38,  
189) }
```

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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