

Converting Colors

XYZ(50.5305, 26.4780, 46.2231)

Have a look what the booklet for
XYZ(50.5305, 26.4780, 46.2231)
contains.

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Color

**XYZ(50.5189, 26.4730,
46.1632)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2DB5
RGB	255, 45, 181
RGB Percent	100%, 18%, 71%
CMY	0.0000, 0.8235, 0.2902
CMYK	0.00, 0.82, 0.29, 0.00
HSL	321°, 100%, 59%
HSV	321°, 82%, 100%
XYZ	50.5189, 26.4730, 46.1632
YIQ	123.2940, 81.5040, 86.8160

Conversions

Conversions Part 2

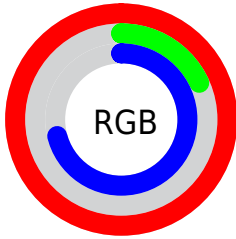
Format	Color
RYB	255, 45, 181
Decimal	16723381
CIELab	58.48, 83.97, -21.83
CIElCh	58, 86.761, 345.428
Yxy	26.4730, 0.4102, 0.2150
Android (android.graphics.Color)	4294913461 (0xFFFF2DB5)
YUV	123.2940, 28.4491, 115.5062
Hunter-Lab	51.4519, 85.2223, -17.1793

Details

The XYZ color **50.5189, 26.4730, 46.1632** 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 **40.1738, 73.4106, 29.5107**, and the grayscale version is **18.8169, 19.7968, 21.5587**.

A 20% lighter version of the original color is **62.7715, 39.8652, 84.5071**, and **25.8886, 12.8960, 21.5468** is the 20% darker color. If you saturate the color by 10%, you get **48.9295, 24.7226, 41.2298**, and if you desaturate by 10%, it is **52.7555, 29.4226, 51.6062**.

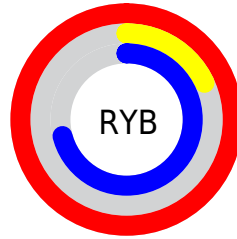
Distribution



Red (100%)

Green (18%)

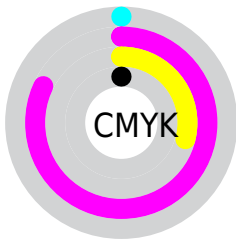
Blue (71%)



Red (100%)

Yellow (18%)

Blue (71%)

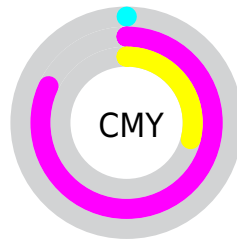


Cyan (0%)

Magenta (82%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5189, 26.4730, 46.1632 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 50.5189, 26.4730, 46.1632 by changing the saturation by 10% instead.

 50.5189, 26.4730,
46.1632

 50.5189, 26.4730,
46.1632

379.1102,
285.0963, 387.7610

 36.0454, 17.1778,
32.0250


 90.1305, 54.0370,
85.8000


 24.6395, 10.3614,
21.1156


 115.9992, 73.0747,
112.1358


 15.9360, 5.6392,
13.0165


 146.3970, 96.1286,
143.3745

 9.5694, 2.6270,
7.3090

 181.6893,
123.5832, 179.9347

 5.1745, 0.9402,
3.5748

 222.2414,
155.8229, 222.2349

 2.3858, 0.0000,
1.3951

268.4187,

 0.8380, 0.0000,

193.2321, 270.6936

0.1379

320.5865,
236.1951, 325.7295

■ 0.0000, 0.0000,
0.0000

■ 50.5189, 26.4730,
46.1632

■ 50.5189, 26.4730,
46.1632

■ 48.9295, 24.7226,
41.2298

■ 52.7555, 29.4226,
51.6062

■ 48.0439, 23.9816,
37.7587

■ 55.7302, 33.7513,
57.5939

■ 59.5207, 39.6131,
64.1575

■ 64.1939, 47.1400,
71.3245

■ 69.8096, 56.4500,
79.1196

76.4219, 67.6500,
87.5658

84.0811, 80.8386,
96.6846

92.8337, 96.1076,
106.4960

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.



42.6708, 26.4730, 92.3380



50.5189, 26.4730, 46.1632



50.3934, 26.4730, 15.9086

Triad

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



50.5189, 26.4730, 46.1632



20.1158, 26.4730, 1.2226



13.3890, 26.4730, 93.6862

Complementary

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



50.5189, 26.4730, 46.1632



40.1738, 73.4106, 29.5107

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.



10.1754, 26.4730, 47.3274



50.5189, 26.4730, 46.1632



13.2480, 26.4730, 4.1915

Square

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



50.5189, 26.4730, 46.1632



30.6510, 26.4730, 1.1953



10.1323, 26.4730, 16.4829



20.3705, 26.4730, 130.3975

Rectangle

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



50.5189, 26.4730, 46.1632



45.7130, 26.4730, 6.4901



10.1323, 26.4730, 16.4829



11.9312, 26.4730, 77.6855

Sweetspot

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



50.5196, 26.4744, 46.1636



74.5668, 64.4873, 85.2593



26.5300, 12.9856, 95.7159



15.4587, 12.9523, 17.6109



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.



50.5196, 26.4744, 46.1636



48.1537, 24.0698, 38.2008



43.5016, 23.6672, 9.2072



18.5049, 18.1853, 21.2759



25.1775, 12.5603, 20.1170



2.5033, 1.2437, 2.2320

Inverse Universe

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



50.5196, 26.4744, 46.1636



48.1537, 24.0698, 38.2008



50.2302, 77.4332, 82.4666



18.5049, 18.1853, 21.2759



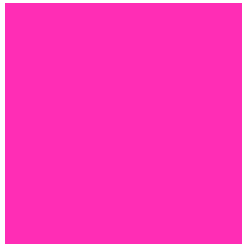
25.1775, 12.5603, 20.1170



2.5033, 1.2437, 2.2320

Previews

White Background



This preview shows how the XYZ color 50.5189, 26.4730, 46.1632 looks on a white background.

Color Contrast Check

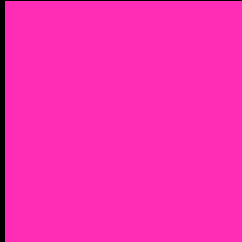
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5189, 26.4730, 46.1632 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 50.5189, 26.4730, 46.1632

Background



This preview shows how black text looks on a background with the XYZ color 50.5189, 26.4730, 46.1632.



This preview shows how white text looks on a background with the XYZ color 50.5189, 26.4730,

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

50.5189, 26.4730, 46.1632

Protanopia

30.2033, 26.8928, 92.4059

Deuteranopia

27.1594, 26.6547, 41.7436



Tritanopia

43.2935, 26.4972, 11.4270

Trichromacy



Original Color

50.5189, 26.4730, 46.1632



Protanomaly

31.1674, 21.8618, 73.0980



Deuteranomaly

31.8817, 22.9017, 42.7845



Tritanomaly

45.2409, 25.9995, 20.4032

Monochromacy



Original Color

50.5189, 26.4730, 46.1632



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

25.9208, 18.8560, 28.6589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5189, 26.4730, 46.1632 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 45, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 45, 181) }
```

Border

The CSS property to change the border of an element to XYZ 50.5189, 26.4730, 46.1632 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, 181) }
```


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

```
.border{ border-color:rgb(255, 45, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 45, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 45, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 45,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5189, 26.4730, 46.1632 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, 181) }
```

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

```
.background{ background-color: rgb(255, 45,  
181) }
```

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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