

Converting Colors

XYZ(82.2523, 45.1492, 50.4673)

Have a look what the booklet for
XYZ(82.2523, 45.1492, 50.4673)
contains.

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Color

**XYZ(52.5130, 29.7949,
48.8822)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4BB9
RGB	255, 75, 185
RGB Percent	100%, 29%, 73%
CMY	0.0000, 0.7058, 0.2745
CMYK	0.00, 0.71, 0.27, 0.00
HSL	323°, 100%, 65%
HSV	323°, 71%, 100%
XYZ	52.5130, 29.7949, 48.8822
YIQ	141.3600, 71.9700, 72.3700

Conversions

Conversions Part 2

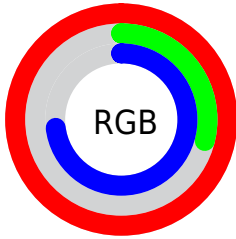
Format	Color
R_{YB}	255, 75, 185
Decimal	16731065
CIE _{Lab}	61.48, 76.33, -19.56
CIE _{LCh}	61, 78.794, 345.626
Yxy	29.7949, 0.4003, 0.2271
Android (android.graphics.Color)	4294921145 (0xFFFF4BB9)
YUV	141.3600, 21.5145, 99.6623
Hunter-Lab	54.5847, 76.2020, -14.8866

Details

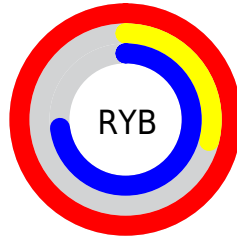
The XYZ color **52.5130, 29.7949, 48.8822** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **43.7741, 75.0609, 38.9733**, and the grayscale version is **25.3588, 26.6794, 29.0539**.

A 20% lighter version of the original color is **66.0628, 45.5022, 88.5200**, and **26.4130, 13.1353, 22.9730** is the 20% darker color. If you saturate the color by 10%, you get **50.1058, 26.5980, 43.0934**, and if you desaturate by 10%, it is **55.6873, 34.4090, 55.2875**.

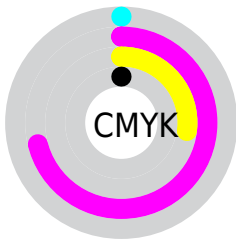
Distribution



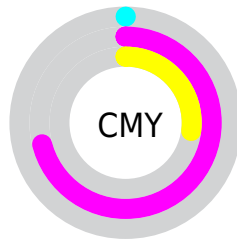
- Red (100%)
- Green (29%)
- Blue (73%)



- Red (100%)
- Yellow (29%)
- Blue (73%)



- Cyan (0%)
- Magenta (71%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5130, 29.7949, 48.8822 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 52.5130, 29.7949, 48.8822 by changing the saturation by 10% instead.


 52.5130, 29.7949,
48.8822


 52.5130, 29.7949,
48.8822

386.7054,
300.9473, 398.8875

 37.6401, 19.6830,
34.1611


 93.0571, 59.3377,
89.8956

 25.8794, 12.1648,
22.7390


 119.4590, 79.5373,
117.0251

 16.8656, 6.8560,
14.1974


 150.4346,
103.8683, 149.1277

 10.2335, 3.3722,
8.1178

 186.3492,
132.7150, 186.6220

 5.6175, 1.3290,
4.0816

227.5683,
166.4619, 229.9266

 2.6523, 0.1635,
1.6702

274.4571,

 0.9727, 0.0000,

205.4933, 279.4601

0.3402

327.3810,
250.1936, 335.6408

■ 0.0000, 0.0000,
0.0000

■ 52.5130, 29.7949,
48.8822

■ 52.5130, 29.7949,
48.8822

■ 50.1058, 26.5980,
43.0934

■ 55.6873, 34.4090,
55.2875

■ 48.3735, 24.6364,
37.8824

■ 59.7017, 40.5843,
62.3401

■ 47.2262, 23.6545,
33.4529

■ 64.6229, 48.4515,
70.0692

■ 70.5098, 58.1267,
78.5011

■ 77.4163, 69.7154,
87.6605

85.3921, 83.3150,
97.5702

94.4836, 99.0162,
108.2518

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.



45.1995, 29.7949, 91.4282



52.5130, 29.7949, 48.8822



52.3421, 29.7949, 19.3053

Triad

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



52.5130, 29.7949, 48.8822



23.2558, 29.7949, 2.6144



16.4866, 29.7949, 93.2086

Complementary

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



52.5130, 29.7949, 48.8822



43.7741, 75.0609, 38.9733

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.



13.0690, 29.7949, 50.4914



52.5130, 29.7949, 48.8822



16.2717, 29.7949, 6.5780

Square

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



52.5130, 29.7949, 48.8822



33.5926, 29.7949, 2.5543



13.0014, 29.7949, 20.1749



23.6286, 29.7949, 125.8801

Rectangle

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



52.5130, 29.7949, 48.8822



47.9373, 29.7949, 9.1756



13.0014, 29.7949, 20.1749



14.9507, 29.7949, 78.6862

Sweetspot

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



52.5138, 29.7964, 48.8827



77.1080, 69.1939, 87.2647



32.0696, 18.1835, 96.4273



16.0763, 14.0882, 18.1229



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.



52.5138, 29.7964, 48.8827



49.2636, 25.5913, 40.7234



45.8686, 27.1383, 13.8893



18.4758, 18.1736, 21.1228



24.7521, 12.3901, 17.8769



2.4636, 1.2278, 2.0229

Inverse Universe

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



52.5138, 29.7964, 48.8827



49.2636, 25.5913, 40.7234



53.5139, 78.9569, 90.2626



18.4758, 18.1736, 21.1228



24.7521, 12.3901, 17.8769



2.4636, 1.2278, 2.0229

Previews

White Background



This preview shows how the XYZ color 52.5130, 29.7949, 48.8822 looks on a white background.

Color Contrast Check

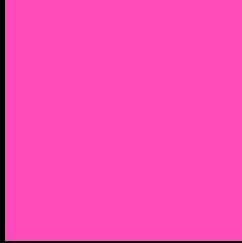
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.5130, 29.7949, 48.8822 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 52.5130, 29.7949, 48.8822

Background



This preview shows how black text looks on a background with the XYZ color 52.5130, 29.7949, 48.8822.



This preview shows how white text looks on a background with the XYZ color 52.5130, 29.7949,

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

52.5130, 29.7949, 48.8822

Protanopia

32.5044, 30.2496, 84.2464

Deuteranopia

30.4409, 29.8300, 44.7108



Tritanopia

45.5778, 29.6913, 16.4255

Trichromacy



Original Color

52.5130, 29.7949, 48.8822



Protanomaly

34.8884, 26.4942, 69.6047



Deuteranomaly

35.5922, 27.3790, 46.0566



Tritanomaly

47.6735, 29.5150, 25.3746

Monochromacy



Original Color

52.5130, 29.7949, 48.8822



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

31.7385, 25.1020, 35.0707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5130, 29.7949, 48.8822 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, 75, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 185)  
}
```

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, 75, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 185) }
```

Border

The CSS property to change the border of an element to XYZ 52.5130, 29.7949, 48.8822 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, 75, 185) }
```


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

```
.border{ border-color:rgb(255, 75, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 75, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5130, 29.7949, 48.8822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 185) }
```

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

```
.background{ background-color: rgb(255, 75,  
185) }
```

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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