

Converting Colors

XYZ(52.0372, 29.7833, 45.8260)

Have a look what the booklet for
XYZ(52.0372, 29.7833, 45.8260)
contains.

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Color

**XYZ(52.0306, 29.8224,
45.6618)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4DB3
RGB	255, 77, 179
RGB Percent	100%, 30%, 70%
CMY	0.0000, 0.6980, 0.2980
CMYK	0.00, 0.70, 0.30, 0.00
HSL	326°, 100%, 65%
HSV	326°, 70%, 100%
XYZ	52.0306, 29.8224, 45.6618
YIQ	141.8500, 73.3460, 69.4580

Conversions

Conversions Part 2

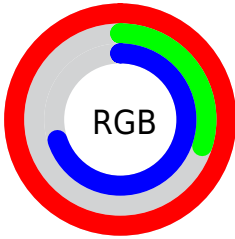
Format	Color
R _Y B	255, 77, 179
Decimal	16731571
CIE Lab	61.50, 74.96, -16.08
CIE LCh	62, 76.670, 347.893
Yxy	29.8224, 0.4080, 0.2339
Android (android.graphics.Color)	4294921651 (0xFFFF4DB3)
YUV	141.8500, 18.3150, 99.2326
Hunter-Lab	54.6099, 74.5019, -11.3481

Details

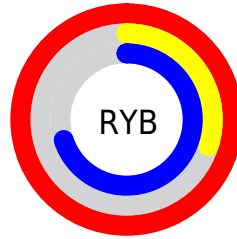
The XYZ color **52.0306, 29.8224, 45.6618** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **44.5720, 75.3984, 42.3454**, and the grayscale version is **25.5632, 26.8945, 29.2881**.

A 20% lighter version of the original color is **65.3239, 45.4351, 83.9242**, and **26.0140, 12.9757, 20.8721** is the 20% darker color. If you saturate the color by 10%, you get **49.5246, 26.5038, 39.6062**, and if you desaturate by 10%, it is **55.3238, 34.5762, 52.4094**.

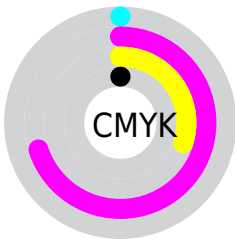
Distribution



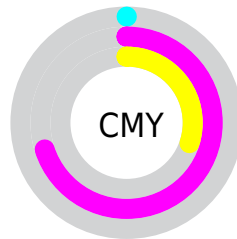
- Red (100%)
- Green (30%)
- Blue (70%)



- Red (100%)
- Yellow (30%)
- Blue (70%)



- Cyan (0%)
- Magenta (70%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0306, 29.8224, 45.6618 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 52.0306, 29.8224, 45.6618 by changing the saturation by 10% instead.


 52.0306, 29.8224,
45.6618


 52.0306, 29.8224,
45.6618

384.8767,
301.0757, 385.6853


 37.2538, 19.7038,
31.6323

 92.3503, 59.3812,
85.0416


 25.5787, 12.1799,
20.8183


 118.6240, 79.5902,
111.2289

 16.6397, 6.8663,
12.8013

 149.4607,
103.9315, 142.3059

 10.0717, 3.3787,
7.1628

 185.2257,
132.7894, 178.6912

 5.5091, 1.3325,
3.4841

226.2845,
166.5484, 220.8032

 2.5868, 0.1661,
1.3468

273.0024,

 0.9392, 0.0000,

205.5929, 269.0605

0.0997

325.7447,
250.3072, 323.8817

■ 0.0000, 0.0000,
0.0000

■ 52.0306, 29.8224,
45.6618

■ 52.0306, 29.8224,
45.6618

■ 49.5246, 26.5038,
39.6062

■ 55.3238, 34.5762,
52.4094

■ 47.7146, 24.4412,
34.2015

■ 59.4769, 40.9076,
59.8820


■ 46.4600, 23.3569,
29.3909

■ 64.5564, 48.9465,
68.1112

■ 46.4375, 23.3390,
29.2996

■ 70.6213, 58.8080,
77.1256

■ 77.7255, 70.5972,
86.9519

 85.9189, 84.4111,
97.6152

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.



45.4301, 29.8224, 86.2175



52.0306, 29.8224, 45.6618



51.2699, 29.8224, 18.1478

Triad

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



52.0306, 29.8224, 45.6618



22.7618, 29.8224, 3.0380



17.1696, 29.8224, 94.0967

Complementary

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



52.0306, 29.8224, 45.6618



44.5720, 75.3984, 42.3454

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.



13.5337, 29.8224, 52.8503



52.0306, 29.8224, 45.6618



16.1914, 29.8224, 7.5632

Square

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



52.0306, 29.8224, 45.6618



32.6388, 29.8224, 2.7469



13.2246, 29.8224, 22.1027



24.4459, 29.8224, 123.5170

Rectangle

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



52.0306, 29.8224, 45.6618



46.7051, 29.8224, 8.8186



13.2246, 29.8224, 22.1027



15.5647, 29.8224, 80.3210

Sweetspot

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



52.0313, 29.8239, 45.6623



76.8164, 69.0773, 85.7289



33.4992, 19.1250, 96.5336



16.0068, 14.0604, 17.7570



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.



52.0313, 29.8239, 45.6623



48.6853, 25.4958, 37.2593



45.8195, 27.3392, 12.9512



18.4456, 18.1616, 20.9639



24.3409, 12.2257, 15.7115



2.4247, 1.2123, 1.8180

Inverse Universe

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



52.0313, 29.8239, 45.6623



48.6853, 25.4958, 37.2593



54.5745, 79.3994, 95.0179



18.4456, 18.1616, 20.9639



24.3409, 12.2257, 15.7115



2.4247, 1.2123, 1.8180

Previews

White Background



This preview shows how the XYZ color 52.0306, 29.8224, 45.6618 looks on a white background.

Color Contrast Check

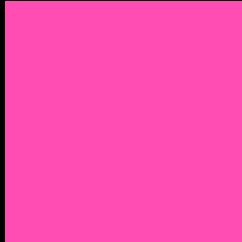
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.0306, 29.8224, 45.6618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

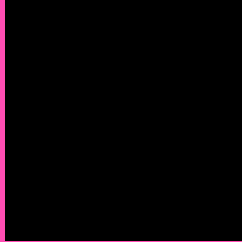
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0306, 29.8224, 45.6618

Background



This preview shows how black text looks on a background with the XYZ color 52.0306, 29.8224, 45.6618.



This preview shows how white text looks on a background with the XYZ color 52.0306, 29.8224,

45.6618.

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

52.0306, 29.8224, 45.6618

Protanopia

32.0295, 30.1368, 78.2576

Deuteranopia

30.4237, 29.8877, 41.7015



Tritanopia

45.7898, 29.6684, 16.1451

Trichromacy



Original Color

52.0306, 29.8224, 45.6618



Protanomaly

34.7437, 26.7027, 64.9510



Deuteranomaly

35.4945, 27.3972, 42.9526



Tritanomaly

47.5366, 29.4603, 24.6537

Monochromacy



Original Color

52.0306, 29.8224, 45.6618



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

31.9233, 25.3907, 34.2287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0306, 29.8224, 45.6618 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, 77, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 179)  
}
```

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, 77, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 179) }
```

Border

The CSS property to change the border of an element to XYZ 52.0306, 29.8224, 45.6618 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, 77, 179) }
```


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

```
.border{ border-color:rgb(255, 77, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 77, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0306, 29.8224, 45.6618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 179) }
```

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

```
.background{ background-color: rgb(255, 77,  
179) }
```

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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