

Converting Colors

XYZ(52.4512, 30.5240, 46.2325)

Have a look what the booklet for
XYZ(52.4512, 30.5240, 46.2325)
contains.

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Color

**XYZ(52.4955, 30.5899,
46.3176)**

Conversions

Conversions Part 1

Format	Color
Hex	FF52B4
RGB	255, 82, 180
RGB Percent	100%, 32%, 71%
CMY	0.0000, 0.6784, 0.2941
CMYK	0.00, 0.68, 0.29, 0.00
HSL	326°, 100%, 66%
HSV	326°, 68%, 100%
XYZ	52.4955, 30.5899, 46.3176
YIQ	144.8990, 71.6500, 67.1540

Conversions

Conversions Part 2

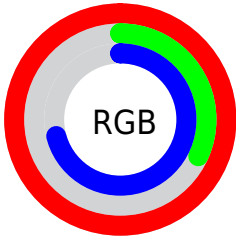
Format	Color
R _Y B	255, 82, 180
Decimal	16732852
CIE _{Lab}	62.16, 73.34, -15.66
CIE _{LCh}	62, 74.990, 347.949
Y _{xy}	30.5899, 0.4057, 0.2364
Android (android.graphics.Color)	4294922932 (0xFFFF52B4)
Y _{UV}	144.8990, 17.3048, 96.5586
Hunter-Lab	55.3081, 72.6333, -10.9365

Details

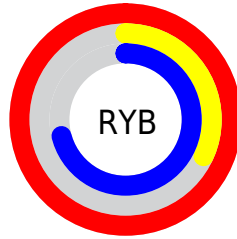
The XYZ color **52.4955, 30.5899, 46.3176** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **45.3272, 75.7490, 44.1348**, and the grayscale version is **26.7860, 28.1810, 30.6891**.

A 20% lighter version of the original color is **66.0533, 46.6621, 84.8822**, and **26.0789, 13.0016, 21.2137** is the 20% darker color. If you saturate the color by 10%, you get **49.8353, 27.0006, 40.0940**, and if you desaturate by 10%, it is **55.9612, 35.6462, 53.2534**.

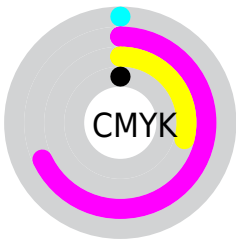
Distribution



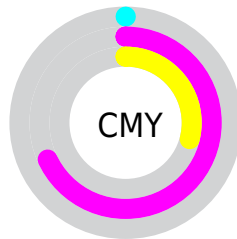
- Red (100%)
- Green (32%)
- Blue (71%)



- Red (100%)
- Yellow (32%)
- Blue (71%)



- Cyan (0%)
- Magenta (68%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (68%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4955, 30.5899, 46.3176 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 52.4955, 30.5899, 46.3176 by changing the saturation by 10% instead.


 52.4955, 30.5899,
46.3176


 52.4955, 30.5899,
46.3176

386.6392,
304.6445, 388.3987


 37.6260, 20.2868,
32.1460

 93.0315, 60.5938,
86.0334


 25.8685, 12.6037,
21.2073


 119.4287, 81.0634,
112.4147

 16.8574, 7.1562,
13.0829


 150.3993,
105.6906, 143.7030

 10.2276, 3.5600,
7.3543

 186.3085,
134.8598, 180.3169

 5.6135, 1.4306,
3.6028

227.5218,
168.9554, 222.6749

 2.6499, 0.2391,
1.4101

274.4044,

 0.9715, 0.0000,

208.3618, 271.1955

0.1496

327.3217,
253.4634, 326.2972

■ 0.0000, 0.0000,
0.0000

■ 52.4955, 30.5899,
46.3176

■ 52.4955, 30.5899,
46.3176

■ 49.8353, 27.0006,
40.0940

■ 55.9612, 35.6462,
53.2534

■ 47.8923, 24.7053,
34.5423

■ 60.3028, 42.3075,
60.9342


■ 46.5532, 23.4810,
29.6141

■ 65.5856, 50.7008,
69.3915

■ 46.3081, 23.2872,
28.6184

■ 71.8674, 60.9392,
78.6540

■ 79.2015, 73.1261,
88.7484

 87.6371, 87.3570,
99.7000

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.



46.0058, 30.5899, 86.1568



52.4955, 30.5899, 46.3176



51.7326, 30.5899, 18.9424

Triad

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



52.4955, 30.5899, 46.3176



23.4926, 30.5899, 3.4714



17.9129, 30.5899, 94.0068

Complementary

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



52.4955, 30.5899, 46.3176



45.3272, 75.7490, 44.1348

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.



14.2395, 30.5899, 53.5491



52.4955, 30.5899, 46.3176



16.9095, 30.5899, 8.2207

Square

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



52.4955, 30.5899, 46.3176



33.3197, 30.5899, 3.1537



13.9207, 30.5899, 22.9945



25.2066, 30.5899, 122.6481

Rectangle

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



52.4955, 30.5899, 46.3176



47.2296, 30.5899, 9.4798



13.9207, 30.5899, 22.9945



16.2947, 30.5899, 80.5378

Sweetspot

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



52.4963, 30.5915, 46.3181



77.5250, 70.3226, 86.4953



34.9674, 20.4215, 96.7065



16.1431, 14.3017, 17.8990



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.



52.4963, 30.5915, 46.3181



49.1481, 26.1439, 38.2685



46.2580, 28.0961, 13.4675



18.4405, 18.1595, 20.9366



24.2734, 12.1986, 15.3559



2.4183, 1.2097, 1.7840

Inverse Universe

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



52.4963, 30.5915, 46.3181



49.1481, 26.1439, 38.2685



55.4889, 79.8136, 97.6455



18.4405, 18.1595, 20.9366



24.2734, 12.1986, 15.3559



2.4183, 1.2097, 1.7840

Previews

White Background



This preview shows how the XYZ color 52.4955, 30.5899, 46.3176 looks on a white background.

Color Contrast Check

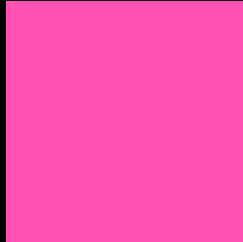
Large Text (above 18pt) WCAG AA × Fail

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 52.4955, 30.5899, 46.3176 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 ✓ Pass

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

XYZ 52.4955, 30.5899, 46.3176

Background



This preview shows how black text looks on a background with the XYZ color 52.4955, 30.5899, 46.3176.



This preview shows how white text looks on a background with the XYZ color 52.4955, 30.5899,

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

52.4955, 30.5899, 46.3176

Protanopia

32.6234, 30.9368, 76.9250

Deuteranopia

31.4947, 30.8756, 42.8277



Tritanopia

46.3744, 30.5086, 17.3545

Trichromacy



Original Color

52.4955, 30.5899, 46.3176



Protanomaly

35.6351, 27.7264, 64.4463



Deuteranomaly

36.4612, 28.4284, 43.6099



Tritanomaly

48.0894, 30.2359, 25.8558

Monochromacy



Original Color

52.4955, 30.5899, 46.3176



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

33.1387, 26.7020, 35.7552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4955, 30.5899, 46.3176 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, 82, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 180)  
}
```

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, 82, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 180) }
```

Border

The CSS property to change the border of an element to XYZ 52.4955, 30.5899, 46.3176 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, 82, 180) }
```


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

```
.border{ border-color:rgb(255, 82, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4955, 30.5899, 46.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 180) }
```

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

```
.background{ background-color: rgb(255, 82,  
180) }
```

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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