

Converting Colors

XYZ(52.3318, 30.1761, 46.5292)

Have a look what the booklet for
XYZ(52.3318, 30.1761, 46.5292)
contains.

XYZ(52.3765, 30.1882, 46.7824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.3765, 30.1882,
46.7824)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4FB5
RGB	255, 79, 181
RGB Percent	100%, 31%, 71%
CMY	0.0000, 0.6902, 0.2902
CMYK	0.00, 0.69, 0.29, 0.00
HSL	325°, 100%, 65%
HSV	325°, 69%, 100%
XYZ	52.3765, 30.1882, 46.7824
YIQ	143.2520, 72.1540, 69.0340

Conversions

Conversions Part 2

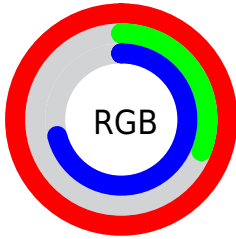
Format	Color
R_{YB}	255, 79, 181
Decimal	16732085
CIE _{Lab}	61.82, 74.51, -16.75
CIE _{LCh}	62, 76.368, 347.330
Yxy	30.1882, 0.4049, 0.2334
Android (android.graphics.Color)	4294922165 (0xFFFF4FB5)
YUV	143.2520, 18.6098, 98.0030
Hunter-Lab	54.9438, 74.0078, -12.0224

Details

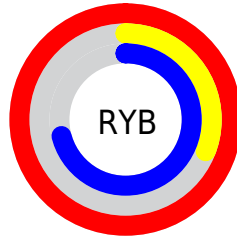
The XYZ color **52.3765, 30.1882, 46.7824** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **44.7360, 75.4830, 42.3533**, and the grayscale version is **26.1186, 27.4788, 29.9244**.

A 20% lighter version of the original color is **65.9041, 46.1306, 85.5513**, and **26.1444, 13.0278, 21.5587** is the 20% darker color. If you saturate the color by 10%, you get **49.8186, 26.7658, 40.7090**, and if you desaturate by 10%, it is **55.7256, 35.0572, 53.5379**.

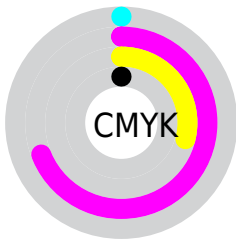
Distribution



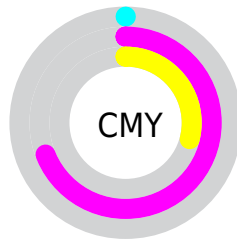
- Red (100%)
- Green (31%)
- Blue (71%)



- Red (100%)
- Yellow (31%)
- Blue (71%)



- Cyan (0%)
- Magenta (69%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3765, 30.1882, 46.7824 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 52.3765, 30.1882, 46.7824 by changing the saturation by 10% instead.


 52.3765, 30.1882,
46.7824


 52.3765, 30.1882,
46.7824


386.1885,
302.7807, 390.3139


 37.5307, 19.9815,
32.5106


 92.8572, 59.9597,
86.7353


 25.7942, 12.3816,
21.4837


 119.2229, 80.2932,
113.2534

 16.8016, 7.0041,
13.2834


 150.1592,
104.7712, 144.6907

 10.1876, 3.4647,
7.4909

 186.0316,
133.7779, 181.4658

 5.5867, 1.3789,
3.6879

227.2053,
167.6978, 223.9971

 2.6337, 0.2011,
1.4557

274.0458,

 0.9632, 0.0000,

206.9154, 272.7032

0.1846

326.9185,
251.8148, 328.0026

■ 0.0000, 0.0000,
0.0000

■ 52.3765, 30.1882,
46.7824

■ 52.3765, 30.1882,
46.7824

■ 49.8186, 26.7658,
40.7090

■ 55.7256, 35.0572,
53.5379

■ 47.9619, 24.6136,
35.2775

■ 59.9375, 41.5135,
61.0075

■ 46.6788, 23.4791,
30.4360

■ 65.0780, 49.6856,
69.2223

■ 46.5678, 23.3911,
29.9856

■ 71.2056, 59.6879,
78.2102

■ 78.3738, 71.6246,
87.9974

86.6320, 85.5922,
98.6084

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.



45.6502, 30.1882, 87.4774



52.3765, 30.1882, 46.7824



51.7630, 30.1882, 18.8252

Triad

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



52.3765, 30.1882, 46.7824



23.2421, 30.1882, 3.1296



17.3538, 30.1882, 93.8213

Complementary

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



52.3765, 30.1882, 46.7824



44.7360, 75.4830, 42.3533

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.



13.7557, 30.1882, 52.5838



52.3765, 30.1882, 46.7824



16.5605, 30.1882, 7.6161

Square

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



52.3765, 30.1882, 46.7824



33.2101, 30.1882, 2.8898



13.5046, 30.1882, 22.0314



24.6053, 30.1882, 123.6738

Rectangle

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



52.3765, 30.1882, 46.7824



47.2688, 30.1882, 9.2298



13.5046, 30.1882, 22.0314



15.7600, 30.1882, 80.0065

Sweetspot

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



52.3773, 30.1897, 46.7829



76.8660, 69.0971, 85.9903



33.8593, 19.5217, 96.5912



16.0186, 14.0651, 17.8192



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.



52.3773, 30.1897, 46.7829



49.0001, 25.7667, 38.4701



46.0426, 27.6559, 13.4251



18.4508, 18.1636, 20.9910



24.4089, 12.2528, 16.0695



2.4312, 1.2148, 1.8521

Inverse Universe

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



52.3773, 30.1897, 46.7829



49.0001, 25.7667, 38.4701



54.7632, 79.4939, 95.1562



18.4508, 18.1636, 20.9910



24.4089, 12.2528, 16.0695



2.4312, 1.2148, 1.8521

Previews

White Background



This preview shows how the XYZ color 52.3765, 30.1882, 46.7824 looks on a white background.

Color Contrast Check

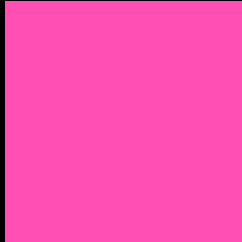
Large Text (above 18pt) WCAG AA × Fail

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 52.3765, 30.1882, 46.7824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

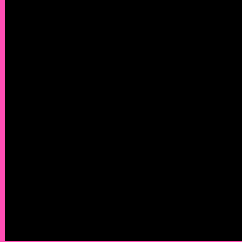
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3765, 30.1882, 46.7824

Background



This preview shows how black text looks on a background with the XYZ color 52.3765, 30.1882, 46.7824.



This preview shows how white text looks on a background with the XYZ color 52.3765, 30.1882,

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

52.3765, 30.1882, 46.7824

Protanopia

32.4624, 30.5737, 79.0533

Deuteranopia

31.0517, 30.4064, 43.2621



Tritanopia

46.0786, 30.0833, 16.7427

Trichromacy



Original Color

52.3765, 30.1882, 46.7824



Protanomaly

35.2054, 27.1075, 65.6641



Deuteranomaly

36.1833, 28.0906, 44.0724



Tritanomaly

47.8444, 29.8570, 25.4316

Monochromacy



Original Color

52.3765, 30.1882, 46.7824



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

32.5694, 26.0576, 35.2113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3765, 30.1882, 46.7824 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, 79, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 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, 79, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 181) }
```

Border

The CSS property to change the border of an element to XYZ 52.3765, 30.1882, 46.7824 is called "border". The border property can be set on classes, ids or directly on the HTML element.

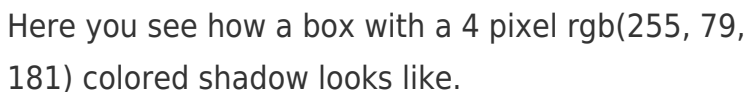
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 79, 181) }
```


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

```
.border{ border-color:rgb(255, 79, 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, 79, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 79, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 79, 181); box-shadow:4px 4px 4px 4px rgb(255, 79, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3765, 30.1882, 46.7824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 181) }
```

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

```
.background{ background-color: rgb(255, 79,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor