

Converting Colors

XYZ(52.9634, 33.2473, 46.4925)

Have a look what the booklet for
XYZ(52.9634, 33.2473, 46.4925)
contains.

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Color

**XYZ(52.9352, 33.2575,
46.2772)**

Conversions

Conversions Part 1

Format	Color
Hex	FC65B3
RGB	252, 101, 179
RGB Percent	99%, 40%, 70%
CMY	0.0118, 0.6039, 0.2980
CMYK	0.00, 0.60, 0.29, 0.01
HSL	329°, 96%, 69%
HSV	329°, 60%, 99%
XYZ	52.9352, 33.2575, 46.2772
YIQ	155.0410, 64.9580, 56.2700

Conversions

Conversions Part 2

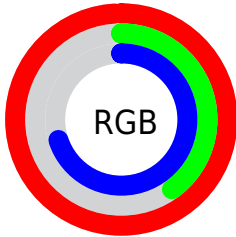
Format	Color
R _Y B	252, 101, 179
Decimal	16541107
CIE Lab	64.37, 64.96, -11.80
CIE LCh	64, 66.022, 349.700
Yxy	33.2575, 0.3996, 0.2511
Android (android.graphics.Color)	4294731187 (0xFFFC65B3)
YUV	155.0410, 11.8118, 85.0330
Hunter-Lab	57.6693, 62.9255, -7.2092

Details

The XYZ color **52.9352, 33.2575, 46.2772** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.8190, 75.4443, 52.0904**, and the grayscale version is **31.1046, 32.7244, 35.6369**.

A 20% lighter version of the original color is **68.4623, 51.7119, 84.9703**, and **26.2296, 14.1639, 21.0901** is the 20% darker color. If you saturate the color by 10%, you get **49.6743, 28.6213, 39.3771**, and if you desaturate by 10%, it is **57.0567, 39.4403, 54.0020**.

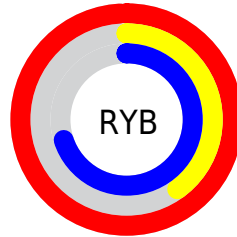
Distribution



Red (99%)

Green (40%)

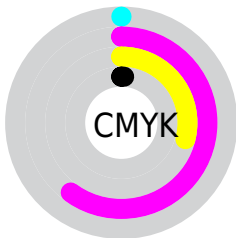
Blue (70%)



Red (99%)

Yellow (40%)

Blue (70%)

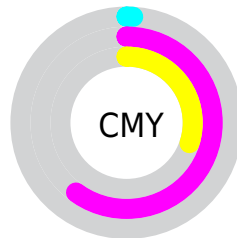


Cyan (0%)

Magenta (60%)

Yellow (29%)

Black (1%)



Cyan (1%)


Magenta (60%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9352, 33.2575, 46.2772 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 52.9352, 33.2575, 46.2772 by changing the saturation by 10% instead.


 52.9352, 33.2575,
46.2772


 52.9352, 33.2575,
46.2772

388.3014,
316.8084, 388.2319


 37.9783, 22.3238,
32.1144


 93.6751, 64.7773,
85.9723


 26.1430, 14.0950,
21.1833


 120.1888, 86.1323,
112.3418

 17.0639, 8.1868,
13.0655


 151.2855,
111.7297, 143.6171

 10.3756, 4.2147,
7.3424

 187.3306,
141.9540, 180.2169

 5.7129, 1.7944,
3.5955

228.6894,
177.1897, 222.5598

 2.7103, 0.4837,
1.4062

275.7272,

 1.0025, 0.0000,

217.8210, 271.0642

0.1465

328.8094,
264.2325, 326.1487

■ 0.0000, 0.0000,
0.0000

■ 52.9352, 33.2575,
46.2772

■ 52.9352, 33.2575,
46.2772

■ 49.6743, 28.6213,
39.3771

■ 57.0567, 39.4403,
54.0020

■ 47.1974, 25.3833,
33.2613

■ 62.1007, 47.2898,
62.5845

■ 45.4177, 23.3749,
27.8869

■ 68.1265, 56.9200,
72.0577

■ 44.1944, 22.3189,
23.1919

■ 75.1873, 68.4335,
82.4516

■ 44.1853, 22.3116,
23.1554

■ 83.3323, 81.9248,
93.7949

92.6076, 97.4821,
106.1143

93.9549, 99.4355,
108.8488

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.4949, 33.2575, 81.0666



52.9352, 33.2575, 46.2772



51.8615, 33.2575, 21.4157

Triad

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



52.9352, 33.2575, 46.2772



25.9008, 33.2575, 6.0717



21.3024, 33.2575, 91.7710

Complementary

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



52.9352, 33.2575, 46.2772



47.8190, 75.4443, 52.0904

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.



17.4652, 33.2575, 56.6129



52.9352, 33.2575, 46.2772



19.7327, 33.2575, 11.9908

Square

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



52.9352, 33.2575, 46.2772



34.9531, 33.2575, 5.4282



16.9541, 33.2575, 27.7231



28.4877, 33.2575, 114.7427

Rectangle

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



52.9352, 33.2575, 46.2772



47.6545, 33.2575, 12.1904



16.9541, 33.2575, 27.7231



19.6441, 33.2575, 80.3589

Sweetspot

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



52.9362, 33.2592, 46.2778



78.7457, 72.7823, 86.8457



39.6781, 25.3346, 94.8943



16.3654, 14.7732, 17.8903



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.



52.9362, 33.2592, 46.2778



50.4233, 28.5793, 39.0485



47.2741, 30.9944, 16.4615



17.6190, 17.3749, 19.8492



23.0916, 11.6523, 12.4565



2.1923, 1.1006, 1.4359

Inverse Universe

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



52.9362, 33.2592, 46.2778



50.4233, 28.5793, 39.0485



57.3526, 79.2578, 102.2939



17.6190, 17.3749, 19.8492



23.0916, 11.6523, 12.4565



2.1923, 1.1006, 1.4359

Previews

White Background



This preview shows how the XYZ color 52.9352, 33.2575, 46.2772 looks on a white background.

Color Contrast Check

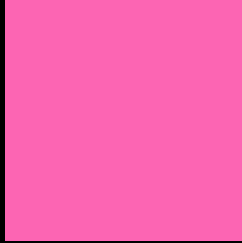
Large Text (above 18pt) WCAG AA × Fail

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 52.9352, 33.2575, 46.2772 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 52.9352, 33.2575, 46.2772

Background



This preview shows how black text looks on a background with the XYZ color 52.9352, 33.2575, 46.2772.



This preview shows how white text looks on a background with the XYZ color 52.9352, 33.2575,

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

52.9352, 33.2575, 46.2772

Protanopia

34.4315, 33.4723, 69.6118

Deuteranopia

34.0960, 33.3961, 43.1771



Tritanopia

47.8879, 33.2139, 22.2993

Trichromacy



Original Color

52.9352, 33.2575, 46.2772



Protanomaly

38.0339, 31.2234, 60.5220



Deuteranomaly

39.0535, 31.7014, 44.1050



Tritanomaly

49.4935, 33.0602, 29.7593

Monochromacy



Original Color

52.9352, 33.2575, 46.2772



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

36.6000, 30.9554, 39.1679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9352, 33.2575, 46.2772 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(252, 101, 179)` looks like.

```
.text, #text, p{  
    color:rgb(252, 101, 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(252, 101, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 101, 179) }
```

Border

The CSS property to change the border of an element to XYZ 52.9352, 33.2575, 46.2772 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(252, 101, 179) }
```


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

```
.border{ border-color:rgb(252, 101, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 101, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 101, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 101, 179);  
box-shadow:4px 4px 4px 4px rgb(252, 101,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9352, 33.2575, 46.2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 101, 179) }
```

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

```
.background{ background-color: rgb(252,  
101, 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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