

Converting Colors

XYZ(52.6058, 33.5960, 46.5722)

Have a look what the booklet for
XYZ(52.6058, 33.5960, 46.5722)
contains.

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Color

**XYZ(52.5113, 33.4793,
46.3423)**

Conversions

Conversions Part 1

Format	Color
Hex	FA68B3
RGB	250, 104, 179
RGB Percent	98%, 41%, 70%
CMY	0.0196, 0.5921, 0.2980
CMYK	0.00, 0.58, 0.28, 0.02
HSL	329°, 94%, 69%
HSV	329°, 58%, 98%
XYZ	52.5113, 33.4793, 46.3423
YIQ	156.2040, 62.9410, 54.2770

Conversions

Conversions Part 2

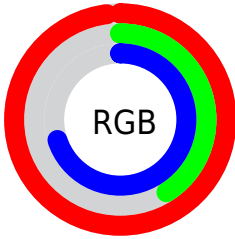
Format	Color
R _Y B	250, 104, 179
Decimal	16410803
CIE Lab	64.55, 63.09, -11.57
CIE LCh	65, 64.141, 349.610
Yxy	33.4793, 0.3968, 0.2530
Android (android.graphics.Color)	4294600883 (0xFFFA68B3)
YUV	156.2040, 11.2384, 82.2591
Hunter-Lab	57.8613, 60.7382, -6.9837

Details

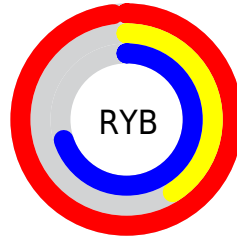
The XYZ color **52.5113, 33.4793, 46.3423** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.6342, 74.4103, 52.4135**, and the grayscale version is **31.6240, 33.2710, 36.2321**.

A 20% lighter version of the original color is **68.9803, 52.7479, 85.1430**, and **25.9018, 14.2549, 21.1250** is the 20% darker color. If you saturate the color by 10%, you get **49.1815, 28.7014, 39.4307**, and if you desaturate by 10%, it is **56.6972, 39.7953, 54.0748**.

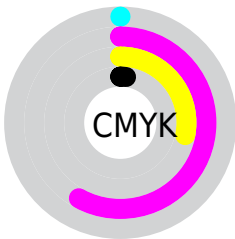
Distribution



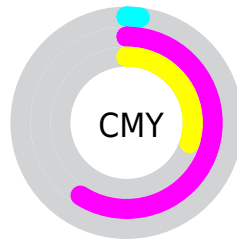
- Red (98%)
- Green (41%)
- Blue (70%)



- Red (98%)
- Yellow (41%)
- Blue (70%)



- Cyan (0%)
- Magenta (58%)
- Yellow (28%)
- Black (2%)





- Cyan (2%)
- Magenta (59%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5113, 33.4793, 46.3423 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 52.5113, 33.4793, 46.3423 by changing the saturation by 10% instead.


 52.5113, 33.4793,
46.3423


 52.5113, 33.4793,
46.3423

386.6990,
317.8040, 388.5006


 37.6387, 22.4939,
32.1654


 93.0546, 65.1231,
86.0707


 25.8783, 14.2202,
21.2220


 119.4561, 86.5503,
112.4593

 16.8648, 8.2740,
13.0936


 150.4312,
112.2268, 143.7556

 10.2329, 4.2708,
7.3615

 186.3453,
142.5372, 180.3780

 5.6171, 1.8262,
3.6073

227.5638,
177.8656, 222.7452

 2.6521, 0.5034,
1.4125

274.4520,

 0.9726, 0.0000,

218.5967, 271.2757

0.1514

327.3752,
265.1147, 326.3880

■ 0.0000, 0.0000,
0.0000

■ 52.5113, 33.4793,
46.3423

■ 52.5113, 33.4793,
46.3423

■ 49.1815, 28.7014,
39.4307

■ 56.6972, 39.7953,
54.0748

■ 46.6339, 25.3191,
33.3007

■ 61.7987, 47.7649,
62.6605

■ 44.7861, 23.1720,
27.9110

■ 67.8730, 57.4983,
72.1314

■ 43.5219, 22.0326,
23.2077

■ 74.9719, 69.0948,
82.5172

■ 43.3483, 21.8936,
22.5081

■ 83.1432, 82.6461,
93.8458

92.4315, 98.2380,
106.1436

93.2344, 99.0640,
108.8150

Harmonies

Analogous

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



47.2325, 33.4793, 79.9548



52.5113, 33.4793, 46.3423



51.4933, 33.4793, 21.9936

Triad

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



52.5113, 33.4793, 46.3423



26.2615, 33.4793, 6.5723



21.7065, 33.4793, 90.0432

Complementary

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



52.5113, 33.4793, 46.3423



47.6342, 74.4103, 52.4135

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.



17.9312, 33.4793, 56.1682



52.5113, 33.4793, 46.3423



20.1899, 33.4793, 12.5421

Square

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



52.5113, 33.4793, 46.3423



35.1089, 33.4793, 5.9242



17.4353, 33.4793, 28.0817



28.7452, 33.4793, 112.1209

Rectangle

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



52.5113, 33.4793, 46.3423



47.4336, 33.4793, 12.8026



17.4353, 33.4793, 28.0817



20.0761, 33.4793, 79.0687

Sweetspot

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



52.5123, 33.4810, 46.3429



78.7270, 72.7748, 86.7472



39.7895, 25.8688, 93.3386



16.3609, 14.7714, 17.8663



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.



52.5123, 33.4810, 46.3429



50.9447, 29.3323, 40.1157



47.0001, 31.2761, 17.3161



17.6168, 17.3741, 19.8379



23.0663, 11.6423, 12.3237



2.1899, 1.0997, 1.4236

Inverse Universe

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



52.5123, 33.4810, 46.3429



50.9447, 29.3323, 40.1157



56.7717, 78.0653, 100.5310



17.6168, 17.3741, 19.8379



23.0663, 11.6423, 12.3237



2.1899, 1.0997, 1.4236

Previews

White Background



This preview shows how the XYZ color 52.5113, 33.4793, 46.3423 looks on a white background.

Color Contrast Check

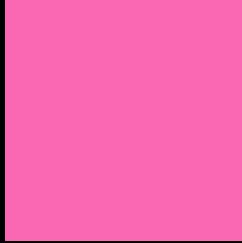
Large Text (above 18pt) WCAG AA × Fail

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 52.5113, 33.4793, 46.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

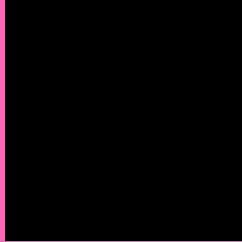
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5113, 33.4793, 46.3423

Background



This preview shows how black text looks on a background with the XYZ color 52.5113, 33.4793, 46.3423.



This preview shows how white text looks on a background with the XYZ color 52.5113, 33.4793,

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

52.5113, 33.4793, 46.3423

Protanopia

34.6742, 33.8732, 68.3290

Deuteranopia

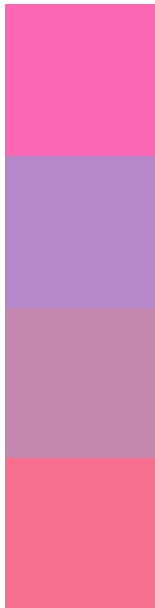
34.2590, 33.7221, 43.2314



Tritanopia

47.5397, 33.3585, 23.0020

Trichromacy



Original Color

52.5113, 33.4793, 46.3423

Protanomaly

38.1692, 31.5287, 59.3322

Deuteranomaly

39.0689, 32.1197, 44.1850

Tritanomaly

49.1860, 33.3761, 30.2354

Monochromacy



Original Color

52.5113, 33.4793, 46.3423

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

36.8817, 31.5188, 39.2618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5113, 33.4793, 46.3423 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(250, 104, 179)` looks like.

```
.text, #text, p{  
    color:rgb(250, 104, 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(250, 104, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 104, 179) }
```

Border

The CSS property to change the border of an element to XYZ 52.5113, 33.4793, 46.3423 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(250, 104, 179) }
```


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

```
.border{ border-color:rgb(250, 104, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 104, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 104, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 104, 179);  
box-shadow:4px 4px 4px 4px rgb(250, 104,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5113, 33.4793, 46.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 104, 179) }
```

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

```
.background{ background-color: rgb(250,  
104, 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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