

Converting Colors

XYZ(50.5416, 33.3371, 32.3293)

Have a look what the booklet for
XYZ(50.5416, 33.3371, 32.3293)
contains.

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Color

**XYZ(50.5710, 33.4043,
32.2161)**

Conversions

Conversions Part 1

Format	Color
Hex	FB6C95
RGB	251, 108, 149
RGB Percent	98%, 42%, 58%
CMY	0.0157, 0.5764, 0.4157
CMYK	0.00, 0.57, 0.41, 0.02
HSL	343°, 95%, 70%
HSV	343°, 57%, 98%
XYZ	50.5710, 33.4043, 32.2161
YIQ	155.4310, 72.0670, 43.0670

Conversions

Conversions Part 2

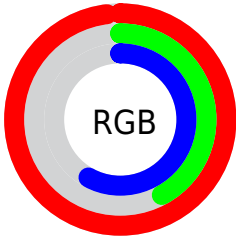
Format	Color
R _Y B	251, 108, 149
Decimal	16477333
CIE Lab	64.49, 58.23, 5.50
CIE LCh	64, 58.491, 5.396
Yxy	33.4043, 0.4352, 0.2875
Android (android.graphics.Color)	4294667413 (0xFFFB6C95)
YUV	155.4310, -3.1705, 83.8140
Hunter-Lab	57.7965, 55.0409, 7.4089

Details

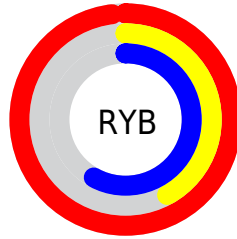
The XYZ color **50.5710, 33.4043, 32.2161** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.3163, 76.8364, 73.0512**, and the grayscale version is **31.3392, 32.9713, 35.9058**.

A 20% lighter version of the original color is **65.2950, 52.1227, 63.1192**, and **24.6279, 14.1292, 13.2336** is the 20% darker color. If you saturate the color by 10%, you get **46.9731, 28.3230, 24.4981**, and if you desaturate by 10%, it is **55.1522, 40.1005, 41.3466**.

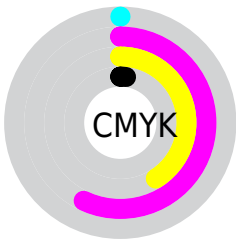
Distribution



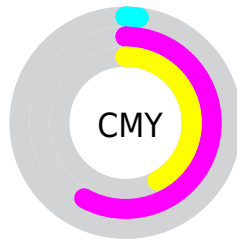
- Red (98%)
- Green (42%)
- Blue (58%)



- Red (98%)
- Yellow (42%)
- Blue (58%)



- Cyan (0%)
- Magenta (57%)
- Yellow (41%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5710, 33.4043, 32.2161 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 50.5710, 33.4043, 32.2161 by changing the saturation by 10% instead.


 50.5710, 33.4043,
32.2161


 50.5710, 33.4043,
32.2161


379.3099,
317.4676, 326.6255


 36.0870, 22.4363,
21.2604


 90.2071, 65.0062,
64.2516


 24.6718, 14.1779,
13.1214


 116.0899, 86.4090,
86.1684

 15.9601, 8.2445,
7.3805


 146.5029,
112.0588, 112.5761

 9.5866, 4.2518,
3.6191

 181.8116,
142.3401, 143.8931

 5.1859, 1.8154,
1.4188

222.3813,
177.6372, 180.5380

 2.3926, 0.4967,
0.1563

268.5773,

 0.8414, 0.0000,

218.3346, 222.9294

0.0000

320.7651,
264.8166, 271.4857

■ 0.0000, 0.0000,
0.0000

■ 50.5710, 33.4043,
32.2161

■ 50.5710, 33.4043,
32.2161

■ 46.9731, 28.3230,
24.4981

■ 55.1522, 40.1005,
41.3466

■ 44.2784, 24.7126,
18.1158

■ 60.7829, 48.5288,
51.9570

■ 42.3980, 22.4122,
12.9865

■ 67.5262, 58.8017,
64.1122

■ 41.2193, 21.2156,
9.0149

■ 75.4395, 71.0205,
77.8726

■ 40.9518, 20.9765,
8.0138

■ 84.5762, 85.2791,
93.2951

93.5935, 99.2492,
108.8318

Harmonies

Analogous

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



48.7029, 33.4043, 59.0768



50.5710, 33.4043, 32.2161



46.7219, 33.4043, 15.7070

Triad

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



50.5710, 33.4043, 32.2161



23.3270, 33.4043, 10.2871



25.5221, 33.4043, 96.2583

Complementary

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



50.5710, 33.4043, 32.2161



52.3163, 76.8364, 73.0512

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.



20.3759, 33.4043, 70.0432



50.5710, 33.4043, 32.2161



19.2729, 33.4043, 20.3870

Square

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



50.5710, 33.4043, 32.2161



30.2636, 33.4043, 7.1103



18.2956, 33.4043, 40.8699



33.2839, 33.4043, 104.0597

Rectangle

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



50.5710, 33.4043, 32.2161



41.7707, 33.4043, 10.1309



18.2956, 33.4043, 40.8699



23.4753, 33.4043, 88.8780

Sweetspot

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



50.5719, 33.4061, 32.2167



78.1611, 73.5582, 80.6547



48.8172, 31.1167, 94.6997



16.3555, 15.1641, 16.6207



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.



50.5719, 33.4061, 32.2167



48.3450, 28.8815, 24.6096



51.3806, 39.3718, 19.0812



17.4492, 17.3070, 18.9552



21.5800, 11.0477, 4.4969



2.0423, 1.0407, 0.6462

Inverse Universe

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



50.5719, 33.4061, 32.2167



48.3450, 28.8815, 24.6096



49.8260, 62.6098, 100.7253



17.4492, 17.3070, 18.9552



21.5800, 11.0477, 4.4969



2.0423, 1.0407, 0.6462

Previews

White Background



This preview shows how the XYZ color 50.5710, 33.4043, 32.2161 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 50.5710, 33.4043, 32.2161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

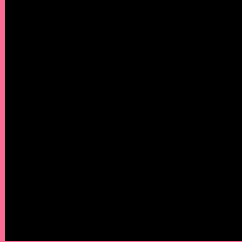
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5710, 33.4043, 32.2161

Background



This preview shows how black text looks on a background with the XYZ color 50.5710, 33.4043, 32.2161.



This preview shows how white text looks on a background with the XYZ color 50.5710, 33.4043,

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

50.5710, 33.4043, 32.2161

Protanopia

33.1507, 33.8213, 46.3759

Deuteranopia

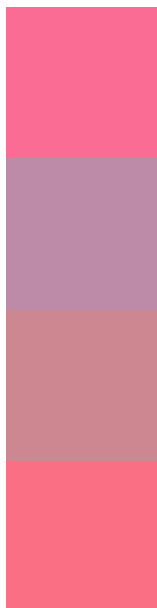
34.0806, 33.4333, 30.2482



Tritanopia

48.4232, 33.3305, 21.9704

Trichromacy



Original Color

50.5710, 33.4043, 32.2161

Protanomaly

37.1939, 32.0741, 40.7898

Deuteranomaly

38.6766, 32.2096, 30.9667

Tritanomaly

49.2055, 33.3316, 25.3129

Monochromacy



Original Color

50.5710, 33.4043, 32.2161

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

36.0735, 31.4240, 34.3012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5710, 33.4043, 32.2161 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(251, 108, 149)` looks like.

```
.text, #text, p{  
    color:rgb(251, 108, 149)  
}
```

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(251, 108, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 108, 149) }
```

Border

The CSS property to change the border of an element to XYZ 50.5710, 33.4043, 32.2161 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(251, 108, 149) }
```


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

```
.border{ border-color:rgb(251, 108, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 108, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 108, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 108, 149);  
box-shadow:4px 4px 4px 4px rgb(251, 108,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5710, 33.4043, 32.2161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 108, 149) }
```

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

```
.background{ background-color: rgb(251,  
108, 149) }
```

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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