

Converting Colors

XYZ(50.9389, 33.0589, 35.0036)

Have a look what the booklet for
XYZ(50.9389, 33.0589, 35.0036)
contains.

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Color

**XYZ(50.8360, 33.0127,
35.1452)**

Conversions

Conversions Part 1

Format	Color
Hex	FB699C
RGB	251, 105, 156
RGB Percent	98%, 41%, 61%
CMY	0.0157, 0.5882, 0.3882
CMYK	0.00, 0.58, 0.38, 0.02
HSL	339°, 95%, 70%
HSV	339°, 58%, 98%
XYZ	50.8360, 33.0127, 35.1452
YIQ	154.4680, 70.6450, 46.8130

Conversions

Conversions Part 2

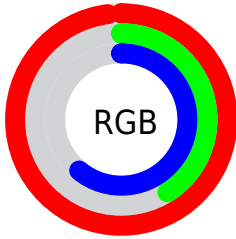
Format	Color
R _Y B	251, 105, 156
Decimal	16476572
CIE Lab	64.17, 60.30, 1.03
CIE LCh	64, 60.308, 0.982
Yxy	33.0127, 0.4272, 0.2774
Android (android.graphics.Color)	4294666652 (0xFFFB699C)
YUV	154.4680, 0.7553, 84.6586
Hunter-Lab	57.4567, 57.3824, 3.9531

Details

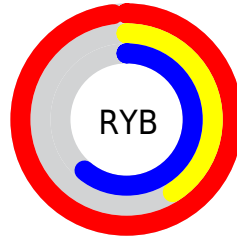
The XYZ color **50.8360, 33.0127, 35.1452** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.7501, 76.1686, 66.6756**, and the grayscale version is **30.8972, 32.5062, 35.3993**.

A 20% lighter version of the original color is **65.6177, 51.4029, 67.4361**, and **24.7620, 13.9211, 14.7465** is the 20% darker color. If you saturate the color by 10%, you get **47.3548, 28.1168, 27.6138**, and if you desaturate by 10%, it is **55.2592, 39.4948, 43.9087**.

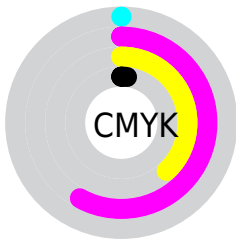
Distribution



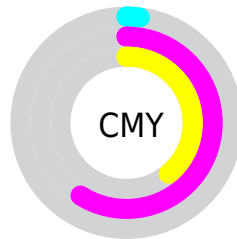
- Red (98%)
- Green (41%)
- Blue (61%)



- Red (98%)
- Yellow (41%)
- Blue (61%)



- Cyan (0%)
- Magenta (58%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (59%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8360, 33.0127, 35.1452 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 50.8360, 33.0127, 35.1452 by changing the saturation by 10% instead.


 50.8360, 33.0127,
35.1452


 50.8360, 33.0127,
35.1452


380.3244,
315.7070, 340.1325


 36.2986, 22.1362,
23.4903


 90.5967, 64.3954,
68.8648


 24.8361, 13.9570,
14.7473


 116.5508, 85.6703,
91.7665

 16.0831, 8.0908,
8.4976

 147.0412,
111.1801, 119.2543

 9.6742, 4.1531,
4.3226

 182.4331,
141.3093, 151.7466

 5.2441, 1.7596,
1.8040

223.0921,
176.4421, 189.6621

 2.4274, 0.4618,
0.4306

269.3834,

 0.8588, 0.0000,

216.9631, 233.4192

0.0000

321.6724,
263.2566, 283.4365

■ 0.0000, 0.0000,
0.0000

■ 50.8360, 33.0127,
35.1452

■ 50.8360, 33.0127,
35.1452

■ 47.3548, 28.1168,
27.6138

■ 55.2592, 39.4948,
43.9087

■ 44.7369, 24.6619,
21.2512

■ 60.6889, 47.6810,
53.9593

■ 42.8945, 22.4847,
15.9895

■ 67.1867, 57.6842,
65.3505

■ 41.7077, 21.3589,
11.7472

■ 74.8084, 69.6058,
78.1317

■ 41.5315, 21.2083,
11.0656

■ 83.6057, 83.5397,
92.3500

93.4329, 99.1849,
107.9851

93.5937, 99.2492,
108.8318

Harmonies

Analogous

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



48.0471, 33.0127, 63.9390



50.8360, 33.0127, 35.1452



47.6742, 33.0127, 16.7585

Triad

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



50.8360, 33.0127, 35.1452



23.6580, 33.0127, 8.8157



24.0641, 33.0127, 94.7805

Complementary

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



50.8360, 33.0127, 35.1452



50.7501, 76.1686, 66.6756

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.



19.2955, 33.0127, 66.0106



50.8360, 33.0127, 35.1452



19.0927, 33.0127, 17.6120

Square

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



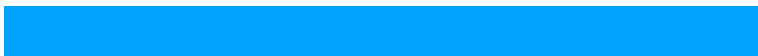
50.8360, 33.0127, 35.1452



31.0970, 33.0127, 6.4408



17.6515, 33.0127, 36.7573



31.6599, 33.0127, 106.4919

Rectangle

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



50.8360, 33.0127, 35.1452



42.8981, 33.0127, 10.3821



17.6515, 33.0127, 36.7573



22.1298, 33.0127, 86.2904

Sweetspot

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



50.8369, 33.0144, 35.1458



78.5324, 73.7067, 82.6099



46.2585, 29.3359, 94.4911



16.4425, 15.1989, 17.0791



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.



50.8369, 33.0144, 35.1458



48.5080, 28.3577, 27.2844



49.9113, 36.6841, 17.8170



17.4949, 17.3253, 19.1960



21.8926, 11.1728, 6.1430



2.0757, 1.0540, 0.8219

Inverse Universe

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



50.8369, 33.0144, 35.1458



48.5080, 28.3577, 27.2844



51.2866, 66.0635, 101.3152



17.4949, 17.3253, 19.1960



21.8926, 11.1728, 6.1430



2.0757, 1.0540, 0.8219

Previews

White Background



This preview shows how the XYZ color 50.8360, 33.0127, 35.1452 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 50.8360, 33.0127, 35.1452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

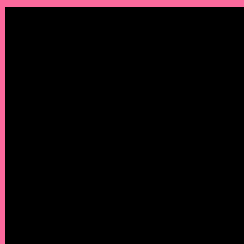
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8360, 33.0127, 35.1452

Background



This preview shows how black text looks on a background with the XYZ color 50.8360, 33.0127, 35.1452.



This preview shows how white text looks on a background with the XYZ color 50.8360, 33.0127,

35.1452.

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

50.8360, 33.0127, 35.1452

Protanopia

32.9787, 33.3774, 51.1587

Deuteranopia

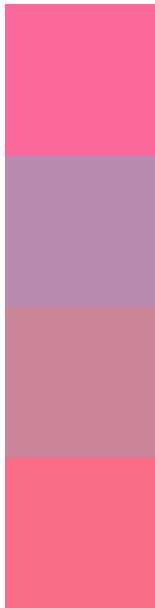
33.9470, 33.3018, 33.0725



Tritanopia

47.8957, 32.9009, 21.5954

Trichromacy



Original Color

50.8360, 33.0127, 35.1452

Protanomaly

36.9332, 31.4256, 44.6766

Deuteranomaly

38.5497, 31.8737, 33.8262

Tritanomaly

48.7692, 32.7705, 25.9452

Monochromacy



Original Color

50.8360, 33.0127, 35.1452

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

35.7068, 30.7937, 35.0722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8360, 33.0127, 35.1452 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, 105, 156)` looks like.

```
.text, #text, p{  
    color:rgb(251, 105, 156)  
}
```

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, 105, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 105, 156) }
```

Border

The CSS property to change the border of an element to XYZ 50.8360, 33.0127, 35.1452 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, 105, 156) }
```


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

```
.border{ border-color:rgb(251, 105, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 105, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 105, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 105, 156);  
box-shadow:4px 4px 4px 4px rgb(251, 105,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8360, 33.0127, 35.1452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 105, 156) }
```

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

```
.background{ background-color: rgb(251,  
105, 156) }
```

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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