

Converting Colors

XYZ(52.0887, 34.0296, 33.0695)

Have a look what the booklet for
XYZ(52.0887, 34.0296, 33.0695)
contains.

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Color

**XYZ(52.0836, 34.0098,
33.0976)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B97
RGB	255, 107, 151
RGB Percent	100%, 42%, 59%
CMY	0.0000, 0.5804, 0.4078
CMYK	0.00, 0.58, 0.41, 0.00
HSL	342°, 100%, 71%
HSV	342°, 58%, 100%
XYZ	52.0836, 34.0098, 33.0976
YIQ	156.2680, 74.0840, 45.0600

Conversions

Conversions Part 2

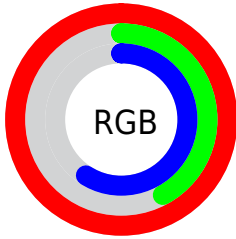
Format	Color
R _Y B	255, 107, 151
Decimal	16739223
CIE Lab	64.97, 60.15, 5.13
CIE LCh	65, 60.366, 4.874
Yxy	34.0098, 0.4370, 0.2853
Android (android.graphics.Color)	4294929303 (0xFFFF6B97)
YUV	156.2680, -2.5971, 86.5880
Hunter-Lab	58.3179, 57.3616, 7.1733

Details

The XYZ color **52.0836, 34.0098, 33.0976** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.5833, 79.3497, 74.1252**, and the grayscale version is **31.7090, 33.3604, 36.3294**.

A 20% lighter version of the original color is **65.5349, 52.2187, 64.3828**, and **25.6053, 14.5033, 13.5065** is the 20% darker color. If you saturate the color by 10%, you get **48.4595, 28.9164, 25.2469**, and if you desaturate by 10%, it is **56.7143, 40.7624, 42.3758**.

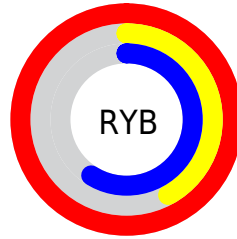
Distribution



Red (100%)

Green (42%)

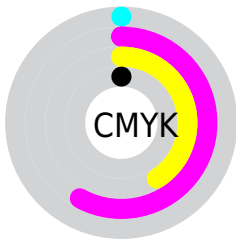
Blue (59%)



Red (100%)

Yellow (42%)

Blue (59%)

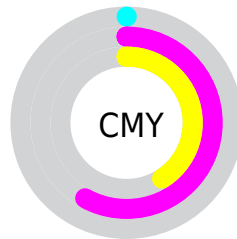


Cyan (0%)

Magenta (58%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0836, 34.0098, 33.0976 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 52.0836, 34.0098, 33.0976 by changing the saturation by 10% instead.


 52.0836, 34.0098,
33.0976


 52.0836, 34.0098,
33.0976

385.0779,
320.1757, 330.7348

 37.2963, 22.9011,
21.9295


 92.4280, 65.9489,
65.6456


 25.6117, 14.5205,
13.6073

 118.7158, 87.5481,
87.8627

 16.6645, 8.4836,
7.7124


 149.5678,
113.4130, 114.5997

 10.0894, 4.4059,
3.8264

 185.3493,
143.9279, 146.2754

 5.5210, 1.9031,
1.5306

226.4257,
179.4772, 183.3082

 2.5939, 0.5502,
0.2406

273.1624,

 0.9429, 0.0000,

220.4454, 226.1167

0.0000

325.9247,
267.2168, 275.1193

■ 0.0000, 0.0000,
0.0000

■ 52.0836, 34.0098,
33.0976

■ 52.0836, 34.0098,
33.0976

■ 48.4595, 28.9164,
25.2469

■ 56.7143, 40.7624,
42.3758

■ 45.7583, 25.3307,
18.7459

■ 62.4208, 49.2977,
53.1497

■ 43.8861, 23.0820,
13.5105

■ 69.2691, 59.7334,
65.4848

■ 42.7173, 21.9379,
9.4416

■ 77.3187, 72.1757,
79.4423

■ 42.5375, 21.7790,
8.7631

■ 86.6253, 86.7227,
95.0797

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



50.0136, 34.0098, 61.4024



52.0836, 34.0098, 33.0976



48.1314, 34.0098, 15.7956

Triad

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



52.0836, 34.0098, 33.0976



23.6520, 34.0098, 9.9481



25.7134, 34.0098, 99.7715

Complementary

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



52.0836, 34.0098, 33.0976



53.5833, 79.3497, 74.1252

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.



20.4246, 34.0098, 71.8478



52.0836, 34.0098, 33.0976



19.3931, 34.0098, 20.1495

Square

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



52.0836, 34.0098, 33.0976



30.9210, 34.0098, 6.8274



18.3274, 34.0098, 41.2641



33.7714, 34.0098, 108.4781

Rectangle

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



52.0836, 34.0098, 33.0976



42.9686, 34.0098, 9.9987



18.3274, 34.0098, 41.2641



23.6029, 34.0098, 91.8532

Sweetspot

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



52.0845, 34.0116, 33.0982



78.2235, 73.5831, 80.9830



50.0588, 31.5275, 98.0546



16.3701, 15.1699, 16.6976



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.



52.0845, 34.0116, 33.0982



47.8589, 28.0980, 23.8659



52.7841, 40.1015, 18.8707



18.2315, 18.0759, 19.8364



22.2836, 11.4027, 4.8779



2.2152, 1.1285, 0.7149

Inverse Universe

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



52.0845, 34.0116, 33.0982



47.8589, 28.0980, 23.8659



51.1484, 64.4142, 104.3449



18.2315, 18.0759, 19.8364



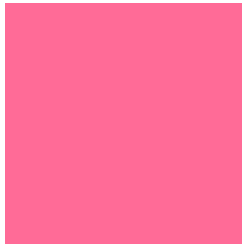
22.2836, 11.4027, 4.8779



2.2152, 1.1285, 0.7149

Previews

White Background



This preview shows how the XYZ color 52.0836, 34.0098, 33.0976 looks on a white background.

Color Contrast Check

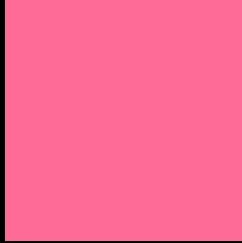
Large Text (above 18pt) WCAG AA × Fail

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 52.0836, 34.0098, 33.0976 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 52.0836, 34.0098, 33.0976

Background



This preview shows how black text looks on a background with the XYZ color 52.0836, 34.0098, 33.0976.



This preview shows how white text looks on a background with the XYZ color 52.0836, 34.0098,

33.0976.

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

52.0836, 34.0098, 33.0976

Protanopia

33.6216, 34.2793, 48.0245

Deuteranopia

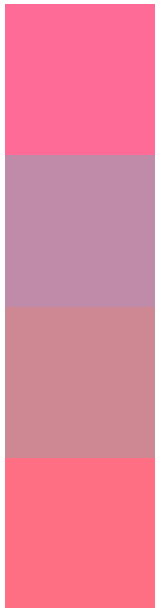
34.6224, 33.9351, 31.1109



Tritanopia

49.8643, 34.0734, 22.0378

Trichromacy



Original Color

52.0836, 34.0098, 33.0976

Protanomaly

37.8799, 32.4062, 41.7946

Deuteranomaly

39.5242, 32.8367, 31.8587

Tritanomaly

50.7223, 34.1057, 25.7395

Monochromacy



Original Color

52.0836, 34.0098, 33.0976

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

36.6594, 31.7165, 34.7616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0836, 34.0098, 33.0976 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, 107, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 151)  
}
```

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, 107, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 151) }
```

Border

The CSS property to change the border of an element to XYZ 52.0836, 34.0098, 33.0976 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, 107, 151) }
```


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

```
.border{ border-color:rgb(255, 107, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0836, 34.0098, 33.0976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 151) }
```

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

```
.background{ background-color: rgb(255,  
107, 151) }
```

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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