

Converting Colors

XYZ(68.9607, 43.0554, 33.2740)

Have a look what the booklet for
XYZ(68.9607, 43.0554, 33.2740)
contains.

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Color

**XYZ(52.1335, 34.3672,
32.3196)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6D95
RGB	255, 109, 149
RGB Percent	100%, 43%, 58%
CMY	0.0000, 0.5725, 0.4157
CMYK	0.00, 0.57, 0.42, 0.00
HSL	344°, 100%, 71%
HSV	344°, 57%, 100%
XYZ	52.1335, 34.3672, 32.3196
YIQ	157.2140, 74.1760, 43.3920

Conversions

Conversions Part 2

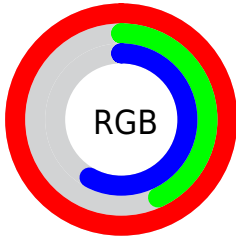
Format	Color
RYB	255, 109, 149
Decimal	16739733
CIELab	65.25, 59.06, 6.68
CIElCh	65, 59.436, 6.451
Yxy	34.3672, 0.4388, 0.2892
Android (android.graphics.Color)	4294929813 (0xFFFF6D95)
YUV	157.2140, -4.0495, 85.7583
Hunter-Lab	58.6235, 56.1476, 8.3495

Details

The XYZ color **52.1335, 34.3672, 32.3196** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.3344, 79.6784, 76.8108**, and the grayscale version is **32.1397, 33.8134, 36.8228**.

A 20% lighter version of the original color is **65.4746, 52.4821, 63.1791**, and **25.6841, 14.7378, 13.2954** is the 20% darker color. If you saturate the color by 10%, you get **48.4343, 29.1494, 24.3642**, and if you desaturate by 10%, it is **56.8583, 41.2602, 41.7768**.

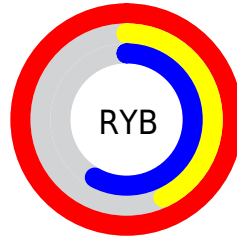
Distribution



Red (100%)

Green (43%)

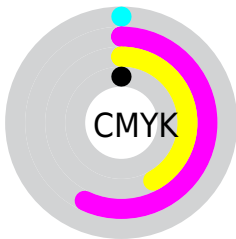
Blue (58%)



Red (100%)

Yellow (43%)

Blue (58%)

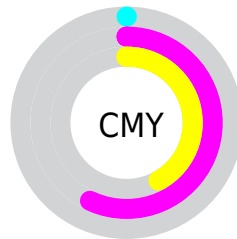


Cyan (0%)

Magenta (57%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1335, 34.3672, 32.3196 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 52.1335, 34.3672, 32.3196 by changing the saturation by 10% instead.


 52.1335, 34.3672,
32.3196


 52.1335, 34.3672,
32.3196

385.2673,
321.7663, 327.1100


 37.3362, 23.1758,
21.3389


 92.5012, 66.5043,
64.4155

 25.6428, 14.7234,
13.1783


 118.8022, 88.2188,
86.3678

 16.6879, 8.6255,
7.4193

 149.6686,
114.2098, 112.8143

 10.1061, 4.4977,
3.6433

185.4656,
144.8617, 144.1737

 5.5322, 1.9557,
1.4318

226.5586,
180.5589, 180.8644

 2.6007, 0.5815,
0.1663

273.3130,

 0.9463, 0.0000,

221.6858, 223.3050

0.0000

326.0941,
268.6268, 271.9140

■ 0.0000, 0.0000,
0.0000

■ 52.1335, 34.3672,
32.3196

■ 52.1335, 34.3672,
32.3196

■ 48.4343, 29.1494,
24.3642

■ 56.8583, 41.2602,
41.7768

■ 45.6765, 25.4562,
17.8271

■ 62.6784, 49.9510,
52.8091

■ 43.7664, 23.1191,
12.6180

■ 69.6600, 60.5568,
65.4870

■ 42.5841, 21.9194,
8.6327

■ 77.8636, 73.1836,
79.8759

■ 42.3409, 21.7004,
7.7272

■ 87.3451, 87.9293,
96.0377

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



50.4053, 34.3672, 59.8567



52.1335, 34.3672, 32.3196



47.9510, 34.3672, 15.6559

Triad

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



52.1335, 34.3672, 32.3196



23.7470, 34.3672, 10.6963



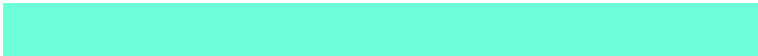
26.4610, 34.3672, 100.2654

Complementary

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



52.1335, 34.3672, 32.3196



54.3344, 79.6784, 76.8108

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.



21.0310, 34.3672, 73.4506



52.1335, 34.3672, 32.3196



19.6683, 34.3672, 21.4344

Square

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



52.1335, 34.3672, 32.3196



30.8318, 34.3672, 7.2415



18.7699, 34.3672, 43.0307



34.5694, 34.3672, 107.5029

Rectangle

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



52.1335, 34.3672, 32.3196



42.7447, 34.3672, 10.1070



18.7699, 34.3672, 43.0307



24.3093, 34.3672, 92.8043

Sweetspot

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



52.1344, 34.3690, 32.3202



78.0863, 73.5282, 80.2606



51.1449, 32.4004, 98.1660



16.3380, 15.1571, 16.5284



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.



52.1344, 34.3690, 32.3202



47.8866, 28.3980, 23.1214



53.4726, 41.3080, 19.6253



18.2138, 18.0688, 19.7429



22.1775, 11.3603, 4.3190



2.2030, 1.1236, 0.6503

Inverse Universe

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



52.1344, 34.3690, 32.3202



47.8866, 28.3980, 23.1214



50.8439, 63.4442, 104.1739



18.2138, 18.0688, 19.7429



22.1775, 11.3603, 4.3190



2.2030, 1.1236, 0.6503

Previews

White Background



This preview shows how the XYZ color 52.1335, 34.3672, 32.3196 looks on a white background.

Color Contrast Check

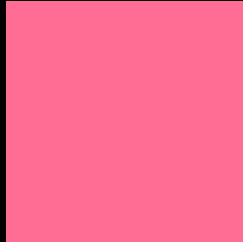
Large Text (above 18pt) WCAG AA × Fail

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 52.1335, 34.3672, 32.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

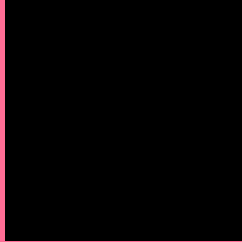
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1335, 34.3672, 32.3196

Background



This preview shows how black text looks on a background with the XYZ color 52.1335, 34.3672, 32.3196.



This preview shows how white text looks on a background with the XYZ color 52.1335, 34.3672,

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

52.1335, 34.3672, 32.3196

Protanopia

33.8730, 34.6960, 46.5067

Deuteranopia

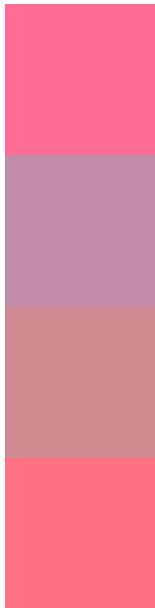
35.0961, 34.4388, 30.3888



Tritanopia

50.0382, 34.3224, 22.3999

Trichromacy



Original Color

52.1335, 34.3672, 32.3196

Protanomaly

38.0914, 32.7527, 40.8735

Deuteranomaly

39.7886, 33.2011, 31.0994

Tritanomaly

50.8321, 34.3251, 25.7761

Monochromacy



Original Color

52.1335, 34.3672, 32.3196

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

37.2031, 32.4267, 34.8700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1335, 34.3672, 32.3196 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, 109, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 109, 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(255, 109, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 109, 149) }
```

Border

The CSS property to change the border of an element to XYZ 52.1335, 34.3672, 32.3196 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, 109, 149) }
```


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

```
.border{ border-color:rgb(255, 109, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 109, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 109, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 109, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 109,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1335, 34.3672, 32.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 109, 149) }
```

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

```
.background{ background-color: rgb(255,  
109, 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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