

Converting Colors

XYZ(52.5499, 34.9281, 38.6224)

Have a look what the booklet for
XYZ(52.5499, 34.9281, 38.6224)
contains.

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Color

**XYZ(52.5499, 34.9281,
38.6224)**

Conversions

Conversions Part 1

Format	Color
Hex	FC70A3
RGB	252, 112, 163
RGB Percent	99%, 44%, 64%
CMY	0.0118, 0.5608, 0.3608
CMYK	0.00, 0.56, 0.35, 0.01
HSL	338°, 96%, 71%
HSV	338°, 56%, 99%
XYZ	52.5499, 34.9281, 38.6224
YIQ	159.6740, 67.0690, 45.5410

Conversions

Conversions Part 2

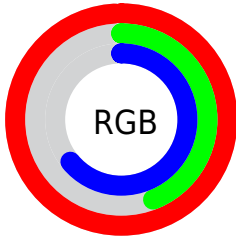
Format	Color
R _Y B	252, 112, 163
Decimal	16543907
CIE Lab	65.69, 58.25, -0.73
CIE LCh	66, 58.256, 359.285
Yxy	34.9281, 0.4167, 0.2770
Android (android.graphics.Color)	4294733987 (0xFFFC70A3)
YUV	159.6740, 1.6397, 80.9699
Hunter-Lab	59.1000, 55.2917, 2.6234

Details

The XYZ color **52.5499, 34.9281, 38.6224** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.0370, 77.2835, 67.4374**, and the grayscale version is **33.2359, 34.9668, 38.0788**.

A 20% lighter version of the original color is **67.8975, 54.3272, 73.2373**, and **25.9737, 15.0865, 16.5820** is the 20% darker color. If you saturate the color by 10%, you get **48.8024, 29.5867, 30.7341**, and if you desaturate by 10%, it is **57.2590, 41.9015, 47.7291**.

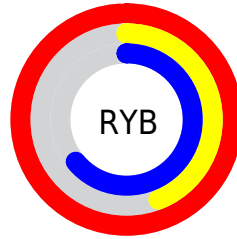
Distribution



Red (99%)

Green (44%)

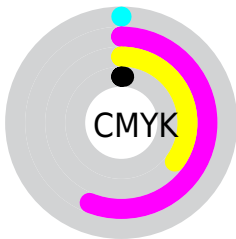
Blue (64%)



Red (99%)

Yellow (44%)

Blue (64%)

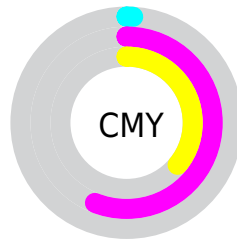


Cyan (0%)

Magenta (56%)

Yellow (35%)

Black (1%)



Cyan (1%)


Magenta (56%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5499, 34.9281, 38.6224 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 52.5499, 34.9281, 38.6224 by changing the saturation by 10% instead.


 52.5499, 34.9281,
38.6224


 52.5499, 34.9281,
38.6224


386.8451,
324.2509, 355.6603


 37.6696, 23.6075,
26.1605


 93.1112, 67.3744,
74.2751

 25.9024, 15.0427,
16.7169


 119.5228, 89.2688,
98.3030

 16.8829, 8.8494,
9.8731


 150.5090,
115.4567, 127.0233

 10.2459, 4.6431,
5.2104

186.4351,
146.3223, 160.8546

 5.6258, 2.0394,
2.3103

227.6664,
182.2502, 200.2154

 2.6574, 0.6302,
0.7370

274.5682,

 0.9753, 0.0000,

223.6246, 245.5243

0.0000

327.5060,
270.8301, 297.1998

■ 0.0000, 0.0000,
0.0000

■ 52.5499, 34.9281,
38.6224

■ 52.5499, 34.9281,
38.6224

■ 48.8024, 29.5867,
30.7341

■ 57.2590, 41.9015,
47.7291

■ 45.9402, 25.7358,
24.0044

■ 62.9923, 50.6221,
58.1058

■ 43.8792, 23.2184,
18.3699

■ 69.8103, 61.2009,
69.8030

■ 42.5152, 21.8389,
13.7582

■ 77.7676, 73.7381,
82.8678

■ 42.0676, 21.4645,
12.0035

■ 86.9152, 88.3265,
97.3447

93.9549, 99.4355,
108.8488

Harmonies

Analogous

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



49.4743, 34.9281, 67.5837



52.5499, 34.9281, 38.6224



49.7429, 34.9281, 19.3029

Triad

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



52.5499, 34.9281, 38.6224



25.7728, 34.9281, 9.9347



25.4733, 34.9281, 94.7364

Complementary

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



52.5499, 34.9281, 38.6224



52.0370, 77.2835, 67.4374

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.



20.8008, 34.9281, 66.0990



52.5499, 34.9281, 38.6224



20.9517, 34.9281, 18.6614

Square

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



52.5499, 34.9281, 38.6224



33.4041, 34.9281, 7.6696



19.2975, 34.9281, 37.4452



32.9930, 34.9281, 107.4216

Rectangle

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



52.5499, 34.9281, 38.6224



45.1477, 34.9281, 12.3043



19.2975, 34.9281, 37.4452



23.5683, 34.9281, 86.1838

Sweetspot

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



52.5509, 34.9299, 38.6230



78.6221, 73.7426, 83.0821



47.3644, 30.9901, 95.5808



16.4636, 15.2073, 17.1899



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.



52.5509, 34.9299, 38.6230



49.6401, 29.7112, 30.4691



51.1425, 38.0105, 19.9728



17.5059, 17.3297, 19.2539



21.9779, 11.2069, 6.5919



2.0845, 1.0575, 0.8682

Inverse Universe

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



52.5509, 34.9299, 38.6230



49.6401, 29.7112, 30.4691



53.4875, 68.9409, 102.5834



17.5059, 17.3297, 19.2539



21.9779, 11.2069, 6.5919



2.0845, 1.0575, 0.8682

Previews

White Background



This preview shows how the XYZ color 52.5499, 34.9281, 38.6224 looks on a white background.

Color Contrast Check

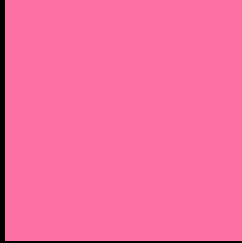
Large Text (above 18pt) WCAG AA × Fail

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 52.5499, 34.9281, 38.6224 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 52.5499, 34.9281, 38.6224

Background



This preview shows how black text looks on a background with the XYZ color 52.5499, 34.9281, 38.6224.



This preview shows how white text looks on a background with the XYZ color 52.5499, 34.9281,

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

52.5499, 34.9281, 38.6224

Protanopia

35.0494, 35.3743, 54.8498

Deuteranopia

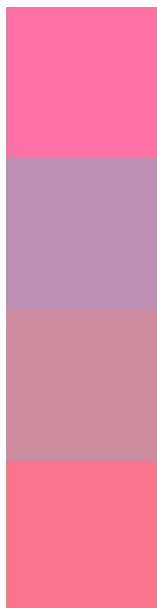
35.8536, 35.1901, 36.3552



Tritanopia

49.4945, 34.8657, 24.1998

Trichromacy



Original Color

52.5499, 34.9281, 38.6224

Protanomaly

38.9998, 33.5010, 48.1269

Deuteranomaly

40.3925, 33.8058, 37.1971

Tritanomaly

50.4034, 34.7082, 28.8538

Monochromacy



Original Color

52.5499, 34.9281, 38.6224

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

38.2478, 33.5556, 38.1792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5499, 34.9281, 38.6224 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(252, 112, 163)` looks like.

```
.text, #text, p{  
    color:rgb(252, 112, 163)  
}
```

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(252, 112, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 112, 163) }
```

Border

The CSS property to change the border of an element to XYZ 52.5499, 34.9281, 38.6224 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(252, 112, 163) }
```


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

```
.border{ border-color:rgb(252, 112, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 112, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 112, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 112, 163);  
box-shadow:4px 4px 4px 4px rgb(252, 112,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5499, 34.9281, 38.6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 112, 163) }
```

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

```
.background{ background-color: rgb(252,  
112, 163) }
```

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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