

Converting Colors

XYZ(53.1926, 34.4158, 39.0532)

Have a look what the booklet for
XYZ(53.1926, 34.4158, 39.0532)
contains.

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Color

**XYZ(53.1985, 34.4557,
38.9687)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6BA4
RGB	255, 107, 164
RGB Percent	100%, 42%, 64%
CMY	0.0000, 0.5804, 0.3569
CMYK	0.00, 0.58, 0.36, 0.00
HSL	337°, 100%, 71%
HSV	337°, 58%, 100%
XYZ	53.1985, 34.4557, 38.9687
YIQ	157.7500, 69.9110, 49.1030

Conversions

Conversions Part 2

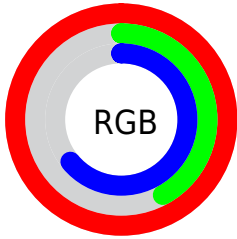
Format	Color
R _Y B	255, 107, 164
Decimal	16739236
CIE Lab	65.32, 61.53, -1.79
CIE LCh	65, 61.554, 358.337
Yxy	34.4557, 0.4201, 0.2721
Android (android.graphics.Color)	4294929316 (0xFFFF6BA4)
YUV	157.7500, 3.0813, 85.2883
Hunter-Lab	58.6990, 59.0502, 1.7282

Details

The XYZ color **53.1985, 34.4557, 38.9687** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.0183, 78.7239, 65.8843**, and the grayscale version is **32.3518, 34.0366, 37.0659**.

A 20% lighter version of the original color is **67.3016, 52.9254, 73.6863**, and **26.2297, 14.7531, 16.7944** is the 20% darker color. If you saturate the color by 10%, you get **49.5911, 29.3690, 31.2054**, and if you desaturate by 10%, it is **57.7661, 41.1830, 47.9141**.

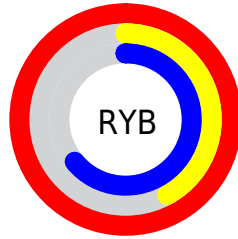
Distribution



Red (100%)

Green (42%)

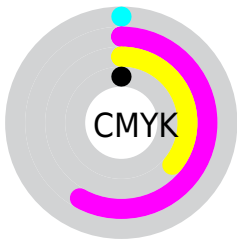
Blue (64%)



Red (100%)

Yellow (42%)

Blue (64%)

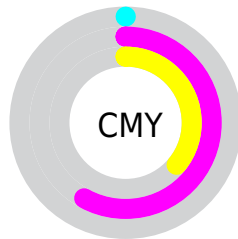


Cyan (0%)

Magenta (58%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1985, 34.4557, 38.9687 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 53.1985, 34.4557, 38.9687 by changing the saturation by 10% instead.


 53.1985, 34.4557,
38.9687


 53.1985, 34.4557,
38.9687


389.2946,
322.1593, 357.1794


 38.1894, 23.2439,
26.4277


 94.0602, 66.6417,
74.8103


 26.3076, 14.7737,
16.9153

 120.6435, 88.3847,
98.9480

 17.1878, 8.6607,
10.0128


 151.8155,
114.4068, 127.7884

 10.4646, 4.5206,
5.3017

 187.9417,
145.0926, 161.7501

 5.7727, 1.9688,
2.3635

229.3873,
180.8263, 201.2514

 2.7467, 0.5893,
0.7665

276.5178,

 1.0213, 0.0000,

221.9924, 246.7111

0.0000

329.6984,
268.9752, 298.5475

■ 0.0000, 0.0000,
0.0000

■ 53.1985, 34.4557,
38.9687

■ 53.1985, 34.4557,
38.9687

■ 49.5911, 29.3690,
31.2054

■ 57.7661, 41.1830,
47.9141

■ 46.8634, 25.7727,
24.5651

■ 63.3594, 49.6730,
58.0921

■ 44.9258, 23.4979,
18.9854

■ 70.0414, 60.0422,
69.5521

■ 43.6571, 22.3138,
14.3903

■ 77.8690, 72.3956,
82.3402

■ 43.4541, 22.1457,
13.5895

■ 86.8949, 86.8304,
96.4997

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.



49.7377, 34.4557, 69.8888



53.1985, 34.4557, 38.9687



50.4022, 34.4557, 18.6113

Triad

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



53.1985, 34.4557, 38.9687



25.2237, 34.4557, 8.6671



24.5020, 34.4557, 97.2433

Complementary

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



53.1985, 34.4557, 38.9687



52.0183, 78.7239, 65.8843

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.



19.7901, 34.4557, 66.1956



53.1985, 34.4557, 38.9687



20.1501, 34.4557, 17.0978

Square

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



53.1985, 34.4557, 38.9687



33.2524, 34.4557, 6.6301



18.3538, 34.4557, 36.1006



32.2510, 34.4557, 111.7487

Rectangle

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



53.1985, 34.4557, 38.9687



45.6085, 34.4557, 11.3865



18.3538, 34.4557, 36.1006



22.5672, 34.4557, 87.8585

Sweetspot

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



53.1995, 34.4575, 38.9693



78.7475, 73.7927, 83.7426



46.0224, 29.4465, 97.8658



16.4931, 15.2191, 17.3451



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.



53.1995, 34.4575, 38.9693



48.9885, 28.5498, 29.8144



50.8302, 36.1936, 18.2192



18.2989, 18.1029, 20.1911



22.7731, 11.5985, 7.4556



2.2688, 1.1499, 0.9969

Inverse Universe

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



53.1995, 34.4575, 38.9693



48.9885, 28.5498, 29.8144



55.3336, 72.7848, 105.7402



18.2989, 18.1029, 20.1911



22.7731, 11.5985, 7.4556



2.2688, 1.1499, 0.9969

Previews

White Background



This preview shows how the XYZ color 53.1985, 34.4557, 38.9687 looks on a white background.

Color Contrast Check

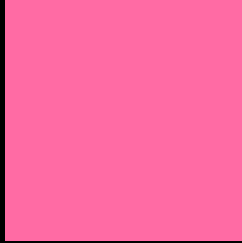
Large Text (above 18pt) WCAG AA × Fail

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 53.1985, 34.4557, 38.9687 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 53.1985, 34.4557, 38.9687

Background



This preview shows how black text looks on a background with the XYZ color 53.1985, 34.4557, 38.9687.



This preview shows how white text looks on a background with the XYZ color 53.1985, 34.4557,

38.9687.

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

53.1985, 34.4557, 38.9687

Protanopia

34.5985, 34.5835, 57.0763

Deuteranopia

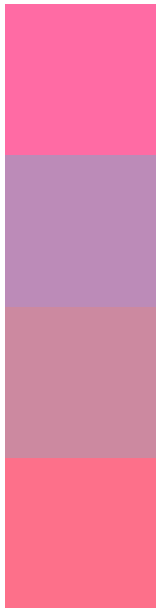
35.3206, 34.6595, 36.7266



Tritanopia

49.8508, 34.3870, 22.7488

Trichromacy



Original Color

53.1985, 34.4557, 38.9687

Protanomaly

38.6234, 32.6173, 49.6075

Deuteranomaly

40.1927, 33.2668, 37.5604

Tritanomaly

50.8896, 34.3060, 27.9843

Monochromacy



Original Color

53.1985, 34.4557, 38.9687

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

37.5701, 32.3408, 37.5199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1985, 34.4557, 38.9687 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 164) }
```

Border

The CSS property to change the border of an element to XYZ 53.1985, 34.4557, 38.9687 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, 164) }
```


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

```
.border{ border-color:rgb(255, 107, 164) }
```

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, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1985, 34.4557, 38.9687 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
107, 164) }
```

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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