

Converting Colors

XYZ(52.4798, 34.0024, 35.6954)

Have a look what the booklet for
XYZ(52.4798, 34.0024, 35.6954)
contains.

XYZ(52.4798, 34.0024, 35.6954)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.4798, 34.0024,
35.6954)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6A9D
RGB	255, 106, 157
RGB Percent	100%, 42%, 62%
CMY	0.0000, 0.5843, 0.3843
CMYK	0.00, 0.58, 0.38, 0.00
HSL	339°, 100%, 71%
HSV	339°, 58%, 100%
XYZ	52.4798, 34.0024, 35.6954
YIQ	156.3650, 72.4330, 47.4490

Conversions

Conversions Part 2

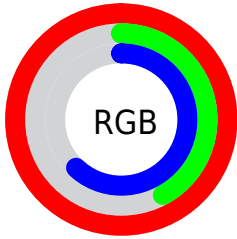
Format	Color
R _Y B	255, 106, 157
Decimal	16738973
CIE Lab	64.96, 61.21, 1.69
CIE LCh	65, 61.231, 1.580
Yxy	34.0024, 0.4295, 0.2783
Android (android.graphics.Color)	4294929053 (0xFFFF6A9D)
YUV	156.3650, 0.3131, 86.5029
Hunter-Lab	58.3116, 58.6028, 4.5238

Details

The XYZ color **52.4798, 34.0024, 35.6954** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.6049, 78.9446, 69.5970**, and the grayscale version is **31.7403, 33.3933, 36.3653**.

A 20% lighter version of the original color is **66.0951, 52.1575, 68.2118**, and **25.8662, 14.5430, 15.0794** is the 20% darker color. If you saturate the color by 10%, you get **48.8964, 28.9723, 27.9143**, and if you desaturate by 10%, it is **57.0426, 40.6767, 44.7736**.

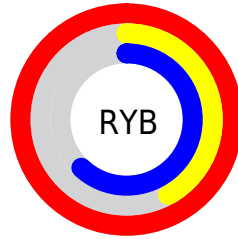
Distribution



Red (100%)

Green (42%)

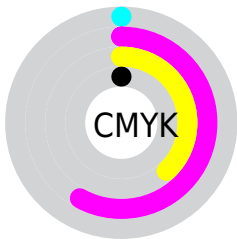
Blue (62%)



Red (100%)

Yellow (42%)

Blue (62%)

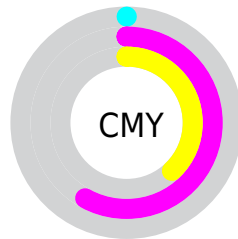


Cyan (0%)

Magenta (58%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4798, 34.0024, 35.6954 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 52.4798, 34.0024, 35.6954 by changing the saturation by 10% instead.


 52.4798, 34.0024,
35.6954


 52.4798, 34.0024,
35.6954


386.5797,
320.1428, 342.6243


 37.6135, 22.8954,
23.9112


 93.0085, 65.9374,
69.7254


 25.8587, 14.5163,
15.0562


 119.4016, 87.5342,
92.8083

 16.8501, 8.4806,
8.7118


 150.3676,
113.3965, 120.4945

 10.2223, 4.4040,
4.4594

 186.2720,
143.9085, 153.2026

 5.6100, 1.9020,
1.8806

227.4800,
179.4548, 191.3511

 2.6478, 0.5496,
0.4804

274.3571,

 0.9704, 0.0000,

220.4197, 235.3585

0.0000

327.2685,
267.1875, 285.6434

■ 0.0000, 0.0000,
0.0000

■ 52.4798, 34.0024,
35.6954

■ 52.4798, 34.0024,
35.6954

■ 48.8964, 28.9723,
27.9143

■ 57.0426, 40.6767,
44.7736

■ 46.2103, 25.4347,
21.3625

■ 62.6524, 49.1185,
55.2073

■ 44.3290, 23.2187,
15.9678

■ 69.3738, 59.4452,
67.0536

■ 43.1251, 22.0836,
11.6424

■ 77.2649, 71.7627,
80.3653

■ 42.9714, 21.9526,
11.0479

■ 86.3799, 86.1690,
95.1922

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.



49.7068, 34.0024, 65.3866



52.4798, 34.0024, 35.6954



49.0843, 34.0024, 16.9211

Triad

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



52.4798, 34.0024, 35.6954



24.2031, 34.0024, 9.0962



24.8794, 34.0024, 98.5254

Complementary

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



52.4798, 34.0024, 35.6954



52.6049, 78.9446, 69.5970

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.



19.8845, 34.0024, 68.8462



52.4798, 34.0024, 35.6954



19.5470, 34.0024, 18.3399

Square

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



52.4798, 34.0024, 35.6954



31.8514, 34.0024, 6.5552



18.1216, 34.0024, 38.3828



32.7897, 34.0024, 110.1978

Rectangle

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



52.4798, 34.0024, 35.6954



44.0838, 34.0024, 10.4676



18.1216, 34.0024, 38.3828



22.8579, 34.0024, 89.8136

Sweetspot

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



52.4807, 34.0042, 35.6960



77.6296, 72.3358, 80.9684



47.7935, 30.2057, 97.9189



16.0947, 14.6649, 16.4645



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.



52.4807, 34.0042, 35.6960



48.4169, 28.3212, 26.8046



51.6078, 37.8325, 18.2204



18.2659, 18.0897, 20.0175



22.5162, 11.4958, 6.1026



2.2412, 1.1389, 0.8516

Inverse Universe

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



52.4807, 34.0042, 35.6960



48.4169, 28.3212, 26.8046



53.0351, 68.3652, 105.0081



18.2659, 18.0897, 20.0175



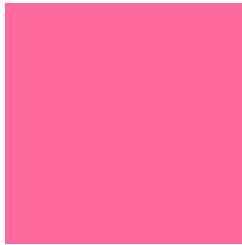
22.5162, 11.4958, 6.1026



2.2412, 1.1389, 0.8516

Previews

White Background



This preview shows how the XYZ color 52.4798, 34.0024, 35.6954 looks on a white background.

Color Contrast Check

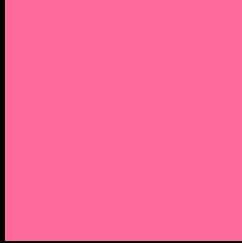
Large Text (above 18pt) WCAG AA × Fail

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 52.4798, 34.0024, 35.6954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

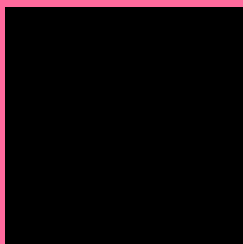
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4798, 34.0024, 35.6954

Background



This preview shows how black text looks on a background with the XYZ color 52.4798, 34.0024, 35.6954.



This preview shows how white text looks on a background with the XYZ color 52.4798, 34.0024,

35.6954.

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

52.4798, 34.0024, 35.6954

Protanopia

34.0830, 34.4202, 52.4243

Deuteranopia

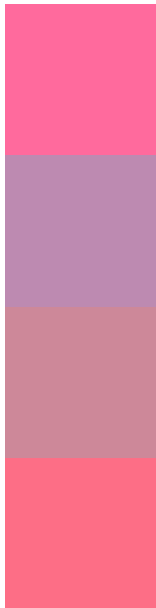
34.8007, 34.2146, 33.6240



Tritanopia

49.5012, 33.8862, 22.0208

Trichromacy



Original Color

52.4798, 34.0024, 35.6954

Protanomaly

38.0106, 32.1701, 45.8010

Deuteranomaly

39.7308, 32.8874, 34.3908

Tritanomaly

50.3870, 33.7557, 26.4141

Monochromacy



Original Color

52.4798, 34.0024, 35.6954

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

36.8275, 31.7837, 35.6463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4798, 34.0024, 35.6954 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, 106, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 157)  
}
```

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, 106, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 157) }
```

Border

The CSS property to change the border of an element to XYZ 52.4798, 34.0024, 35.6954 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, 106, 157) }
```


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

```
.border{ border-color:rgb(255, 106, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 106, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4798, 34.0024, 35.6954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 157) }
```

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

```
.background{ background-color: rgb(255,  
106, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor