

Converting Colors

XYZ(57.2914, 37.4051, 26.7909)

Have a look what the booklet for
XYZ(57.2914, 37.4051, 26.7909)
contains.

XYZ(51.2275, 34.3501, 26.4845)	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(51.2275, 34.3501,
26.4845)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F86
RGB	255, 111, 134
RGB Percent	100%, 44%, 53%
CMY	0.0000, 0.5647, 0.4745
CMYK	0.00, 0.56, 0.47, 0.00
HSL	350°, 100%, 72%
HSV	350°, 56%, 100%
XYZ	51.2275, 34.3501, 26.4845
YIQ	156.6780, 78.4410, 37.6810

Conversions

Conversions Part 2

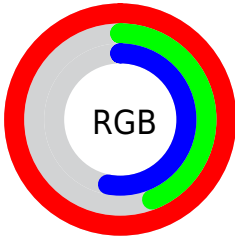
Format	Color
R _Y B	255, 111, 134
Decimal	16740230
CIE Lab	65.24, 56.73, 15.22
CIE LCh	65, 58.740, 15.019
Yxy	34.3501, 0.4571, 0.3065
Android (android.graphics.Color)	4294930310 (0xFFFF6F86)
YUV	156.6780, -11.1803, 86.2284
Hunter-Lab	58.6090, 53.4533, 14.2340

Details

The XYZ color **51.2275, 34.3501, 26.4845** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.8831, 80.7265, 88.9332**, and the grayscale version is **31.9284, 33.5911, 36.5807**.

A 20% lighter version of the original color is **64.0284, 52.4853, 53.7697**, and **25.2070, 14.7635, 10.1154** is the 20% darker color. If you saturate the color by 10%, you get **47.4852, 29.0200, 18.5956**, and if you desaturate by 10%, it is **56.0683, 41.3928, 36.2341**.

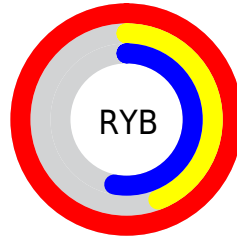
Distribution



Red (100%)

Green (44%)

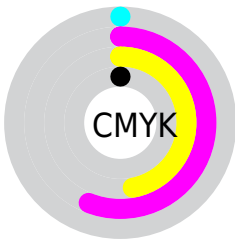
Blue (53%)



Red (100%)

Yellow (44%)

Blue (53%)

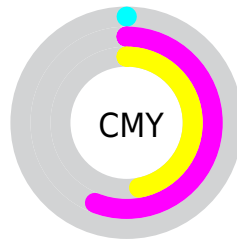


Cyan (0%)

Magenta (56%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (56%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2275, 34.3501, 26.4845 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 51.2275, 34.3501, 26.4845 by changing the saturation by 10% instead.


 51.2275, 34.3501,
26.4845


 51.2275, 34.3501,
26.4845


381.8201,
321.6903, 298.8332

 36.6115, 23.1627,
16.9574


 91.1720, 66.4777,
55.0492

 25.0791, 14.7137,
10.0425


 117.2311, 88.1867,
74.9239

 16.2650, 8.6187,
5.3212


 147.8353,
114.1717, 99.0849

 9.8039, 4.4933,
2.3749

183.3500,
144.8171, 127.9507

 5.3304, 1.9532,
0.7727

224.1404,
180.5073, 161.9399

 2.4791, 0.5800,
0.0000

270.5721,

 0.8848, 0.0000,

221.6266, 201.4711

0.0000

323.0102,
268.5595, 246.9626

■ 0.0000, 0.0000,
0.0000

■ 51.2275, 34.3501,
26.4845

■ 51.2275, 34.3501,
26.4845

■ 47.4852, 29.0200,
18.5956

■ 56.0683, 41.3928,
36.2341

■ 44.7508, 25.2504,
12.4454

■ 62.0833, 50.2722,
47.9517

■ 42.9231, 22.8719,
7.8999

■ 69.3443, 61.1071,
61.7388

■ 41.8771, 21.6713,
4.8034

■ 77.9166, 74.0048,
77.6891

■ 41.6352, 21.4181,
4.0118

■ 87.8610, 89.0648,
95.8906

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



51.2314, 34.3501, 50.9308



51.2275, 34.3501, 26.4845



45.6942, 34.3501, 13.0144

Triad

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



51.2275, 34.3501, 26.4845



22.3513, 34.3501, 13.0256



28.5832, 34.3501, 103.7585

Complementary

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



51.2275, 34.3501, 26.4845



56.8831, 80.7265, 88.9332

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.



22.3575, 34.3501, 81.5351



51.2275, 34.3501, 26.4845



19.2100, 34.3501, 26.5091

Square

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



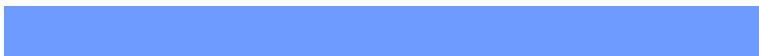
51.2275, 34.3501, 26.4845



28.5733, 34.3501, 7.8768



19.2120, 34.3501, 50.9688



37.0944, 34.3501, 103.7421

Rectangle

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



51.2275, 34.3501, 26.4845



40.0905, 34.3501, 8.9079



19.2120, 34.3501, 50.9688



26.1900, 34.3501, 98.3228

Sweetspot

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



51.2284, 34.3519, 26.4851



77.4260, 73.2641, 76.7834



56.6907, 35.5798, 98.4871



16.1837, 15.0954, 15.7160



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.



51.2284, 34.3519, 26.4851



47.0031, 28.3448, 17.5432



56.5087, 47.2060, 21.1747



18.1276, 18.0344, 19.2892



21.7901, 11.2053, 2.2790



2.1539, 1.1039, 0.3919

Inverse Universe

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



51.2284, 34.3519, 26.4851



47.0031, 28.3448, 17.5432



46.9200, 55.2270, 102.7944



18.1276, 18.0344, 19.2892



21.7901, 11.2053, 2.2790



2.1539, 1.1039, 0.3919

Previews

White Background



This preview shows how the XYZ color 51.2275, 34.3501, 26.4845 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 51.2275, 34.3501, 26.4845 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 51.2275, 34.3501, 26.4845

Background



This preview shows how black text looks on a background with the XYZ color 51.2275, 34.3501, 26.4845.



This preview shows how white text looks on a background with the XYZ color 51.2275, 34.3501,

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

51.2275, 34.3501, 26.4845

Protanopia

33.0964, 34.4994, 37.2624

Deuteranopia

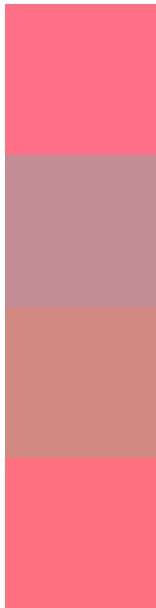
35.0666, 34.3031, 24.8516



Tritanopia

50.2294, 34.2616, 22.0549

Trichromacy



Original Color

51.2275, 34.3501, 26.4845

Protanomaly

37.4554, 32.8218, 32.7949

Deuteranomaly

39.5533, 33.2047, 25.4435

Tritanomaly

50.4331, 34.1655, 23.6752

Monochromacy



Original Color

51.2275, 34.3501, 26.4845

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

36.7952, 32.2635, 32.7219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2275, 34.3501, 26.4845 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, 111, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 134)  
}
```

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, 111, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 134) }
```

Border

The CSS property to change the border of an element to XYZ 51.2275, 34.3501, 26.4845 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, 111, 134) }
```


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

```
.border{ border-color:rgb(255, 111, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2275, 34.3501, 26.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 134) }
```

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

```
.background{ background-color: rgb(255,  
111, 134) }
```

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