

Converting Colors

XYZ(75.0044, 46.5207, 30.4290)

Have a look what the booklet for
XYZ(75.0044, 46.5207, 30.4290)
contains.

XYZ(51.8069, 34.5819, 29.5356)	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(51.8069, 34.5819,
29.5356)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F8E
RGB	255, 111, 142
RGB Percent	100%, 44%, 56%
CMY	0.0000, 0.5647, 0.4431
CMYK	0.00, 0.56, 0.44, 0.00
HSL	347°, 100%, 72%
HSV	347°, 56%, 100%
XYZ	51.8069, 34.5819, 29.5356
YIQ	157.5900, 75.8730, 40.1690

Conversions

Conversions Part 2

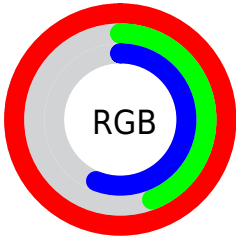
Format	Color
R _Y B	255, 111, 142
Decimal	16740238
CIE Lab	65.42, 57.48, 10.92
CIE LCh	65, 58.503, 10.753
Yxy	34.5819, 0.4469, 0.2983
Android (android.graphics.Color)	4294930318 (0xFFFF6F8E)
YUV	157.5900, -7.6859, 85.4286
Hunter-Lab	58.8064, 54.3427, 11.3860

Details

The XYZ color **51.8069, 34.5819, 29.5356** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.7721, 80.2821, 83.0830**, and the grayscale version is **32.3247, 34.0081, 37.0349**.

A 20% lighter version of the original color is **65.0225, 52.8830, 59.0049**, and **25.4991, 14.8804, 11.6535** is the 20% darker color. If you saturate the color by 10%, you get **48.0408, 29.2422, 21.5211**, and if you desaturate by 10%, it is **56.6385, 41.6210, 39.2366**.

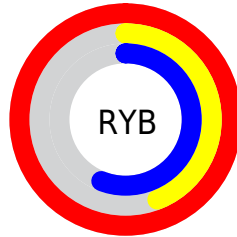
Distribution



Red (100%)

Green (44%)

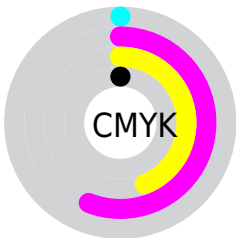
Blue (56%)



Red (100%)

Yellow (44%)

Blue (56%)

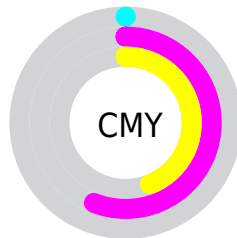


Cyan (0%)

Magenta (56%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8069, 34.5819, 29.5356 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 51.8069, 34.5819, 29.5356 by changing the saturation by 10% instead.


 51.8069, 34.5819,
29.5356


 51.8069, 34.5819,
29.5356


384.0269,
322.7190, 313.8734

 37.0748, 23.3410,
19.2373


 92.0223, 66.8376,
59.9793

 25.4394, 14.8455,
11.6633


 118.2364, 88.6211,
80.9617

 16.5352, 8.7110,
6.3951


 149.0084,
114.6876, 106.3427

 9.9969, 4.5532,
3.0141

184.7039,
145.4215, 136.5406

 5.4591, 1.9876,
1.1019

225.6882,
181.2072, 171.9741

 2.5566, 0.6002,
0.0000

272.3265,

 0.9239, 0.0000,

222.4291, 213.0617

0.0000

324.9843,
269.4716, 260.2220

■ 0.0000, 0.0000,
0.0000

■ 51.8069, 34.5819,
29.5356

■ 51.8069, 34.5819,
29.5356

■ 48.0408, 29.2422,
21.5211

■ 56.6385, 41.6210,
39.2366

■ 45.2534, 25.4514,
15.0921

■ 62.6077, 50.4820,
50.7130

■ 43.3483, 23.0420,
10.1388

■ 69.7831, 61.2827,
64.0497

■ 42.2059, 21.8028,
6.5348

■ 78.2273, 74.1292,
79.3253

■ 41.9267, 21.5347,
5.5468

■ 87.9984, 89.1199,
96.6139

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.



50.9583, 34.5819, 55.4009



51.8069, 34.5819, 29.5356



46.9594, 34.5819, 14.5249

Triad

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



51.8069, 34.5819, 29.5356



23.2639, 34.5819, 12.0660



27.7430, 34.5819, 101.8783

Complementary

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



51.8069, 34.5819, 29.5356



55.7721, 80.2821, 83.0830

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.



21.9234, 34.5819, 77.5036



51.8069, 34.5819, 29.5356



19.6645, 34.5819, 24.1701

Square

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



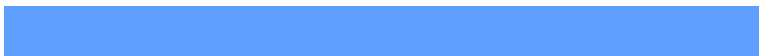
51.8069, 34.5819, 29.5356



29.8965, 34.5819, 7.7560



19.2206, 34.5819, 47.1380



36.0324, 34.5819, 105.4223

Rectangle

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



51.8069, 34.5819, 29.5356



41.5717, 34.5819, 9.7043



19.2206, 34.5819, 47.1380



25.4745, 34.5819, 95.4742

Sweetspot

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



51.8078, 34.5837, 29.5362



77.7446, 73.3916, 78.4614



54.4144, 34.4064, 98.3806



16.2581, 15.1251, 16.1076



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.



51.8078, 34.5837, 29.5362



47.5523, 28.5645, 20.4354



55.3064, 44.8014, 20.7740



18.1694, 18.0511, 19.5090



21.9519, 11.2700, 3.1312



2.1755, 1.1126, 0.5057

Inverse Universe

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



51.8078, 34.5837, 29.5362



47.5523, 28.5645, 20.4354



48.7044, 58.7956, 103.3891



18.1694, 18.0511, 19.5090



21.9519, 11.2700, 3.1312



2.1755, 1.1126, 0.5057

Previews

White Background



This preview shows how the XYZ color 51.8069, 34.5819, 29.5356 looks on a white background.

Color Contrast Check

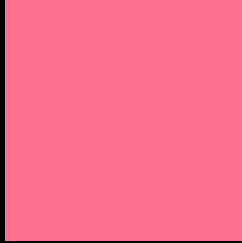
Large Text (above 18pt) WCAG AA × Fail

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 51.8069, 34.5819, 29.5356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

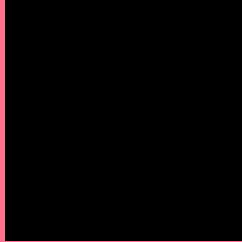
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8069, 34.5819, 29.5356

Background



This preview shows how black text looks on a background with the XYZ color 51.8069, 34.5819, 29.5356.



This preview shows how white text looks on a background with the XYZ color 51.8069, 34.5819,

29.5356.

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

51.8069, 34.5819, 29.5356

Protanopia

33.7919, 34.7545, 41.9730

Deuteranopia

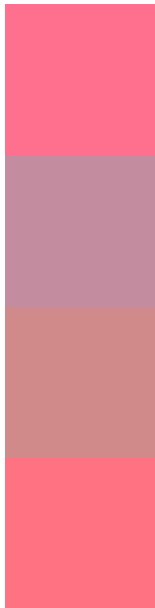
35.2928, 34.5990, 27.7398



Tritanopia

50.5166, 34.7374, 22.4548

Trichromacy



Original Color

51.8069, 34.5819, 29.5356

Protanomaly

38.2886, 33.1551, 37.1824

Deuteranomaly

39.9704, 33.5672, 28.4172

Tritanomaly

50.8528, 34.6904, 24.7846

Monochromacy



Original Color

51.8069, 34.5819, 29.5356

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

37.1847, 32.6542, 34.0488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8069, 34.5819, 29.5356 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 142) }
```

Border

The CSS property to change the border of an element to XYZ 51.8069, 34.5819, 29.5356 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, 142) }
```


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

```
.border{ border-color:rgb(255, 111, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8069, 34.5819, 29.5356 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, 142) }
```

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

```
.background{ background-color: rgb(255,  
111, 142) }
```

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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