

Converting Colors

XYZ(51.2562, 34.1287, 27.3534)

Have a look what the booklet for
XYZ(51.2562, 34.1287, 27.3534)
contains.

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Color

**XYZ(51.2599, 34.1894,
27.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6E88
RGB	255, 110, 136
RGB Percent	100%, 43%, 53%
CMY	0.0000, 0.5686, 0.4667
CMYK	0.00, 0.57, 0.47, 0.00
HSL	349°, 100%, 72%
HSV	349°, 57%, 100%
XYZ	51.2599, 34.1894, 27.1901
YIQ	156.3190, 78.0740, 38.8260

Conversions

Conversions Part 2

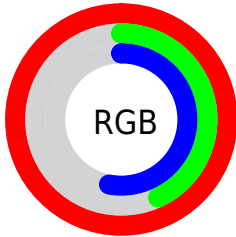
Format	Color
R_{YB}	255, 110, 136
Decimal	16739976
CIE Lab	65.11, 57.37, 13.90
CIE LCh	65, 59.027, 13.625
Yxy	34.1894, 0.4551, 0.3035
Android (android.graphics.Color)	4294930056 (0xFFFF6E88)
YUV	156.3190, -10.0173, 86.5432
Hunter-Lab	58.4717, 54.1586, 13.3596

Details

The XYZ color **51.2599, 34.1894, 27.1901** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.3353, 80.4930, 86.7016**, and the grayscale version is **31.7625, 33.4167, 36.3908**.

A 20% lighter version of the original color is **64.0615, 52.2066, 54.8446**, and **25.2415, 14.7037, 10.5245** is the 20% darker color. If you saturate the color by 10%, you get **47.5486, 28.9193, 19.3174**, and if you desaturate by 10%, it is **56.0548, 41.1620, 36.8574**.

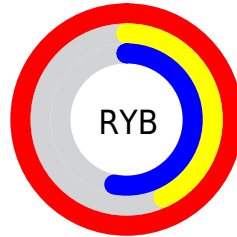
Distribution



Red (100%)

Green (43%)

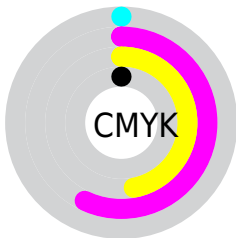
Blue (53%)



Red (100%)

Yellow (43%)

Blue (53%)

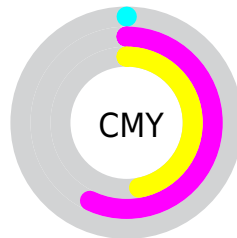


Cyan (0%)

Magenta (57%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2599, 34.1894, 27.1901 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 51.2599, 34.1894, 27.1901 by changing the saturation by 10% instead.


 51.2599, 34.1894,
27.1901


 51.2599, 34.1894,
27.1901


381.9438,
320.9758, 302.3656


 36.6374, 23.0391,
17.4823

 91.2195, 66.2281,
56.1962

 25.0992, 14.6224,
10.4134

 117.2874, 87.8853,
76.3316

 16.2801, 8.5548,
5.5647

 147.9010,
113.8136, 100.7801

 9.8147, 4.4520,
2.5178

183.4258,
144.3975, 129.9600

 5.3376, 1.9295,
0.8496

224.2271,
180.0212, 164.2900

 2.4835, 0.5660,
0.0000

270.6703,

 0.8869, 0.0000,

221.0692, 204.1885

0.0000

323.1207,
267.9260, 250.0742

■ 0.0000, 0.0000,
0.0000

■ 51.2599, 34.1894,
27.1901

■ 51.2599, 34.1894,
27.1901

■ 47.5486, 28.9193,
19.3174

■ 56.0548, 41.1620,
36.8574

■ 44.8312, 25.1995,
13.1246

■ 62.0079, 49.9613,
48.4201

■ 43.0078, 22.8600,
8.4864

■ 69.1902, 60.7060,
61.9738

■ 41.9532, 21.6843,
5.2571

■ 77.6661, 73.5033,
77.6068

■ 41.7275, 21.4550,
4.4972

■ 87.4955, 88.4527,
95.4021

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.



50.9833, 34.1894, 52.1597



51.2599, 34.1894, 27.1901



45.9256, 34.1894, 13.2561

Triad

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



51.2599, 34.1894, 27.1901



22.4118, 34.1894, 12.4684



28.0731, 34.1894, 103.2378

Complementary

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



51.2599, 34.1894, 27.1901



56.3353, 80.4930, 86.7016

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.



21.9785, 34.1894, 80.1376



51.2599, 34.1894, 27.1901



19.1245, 34.1894, 25.4558

Square

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



51.2599, 34.1894, 27.1901



28.7710, 34.1894, 7.6378



18.9813, 34.1894, 49.4708



36.5293, 34.1894, 104.3981

Rectangle

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



51.2599, 34.1894, 27.1901



40.3700, 34.1894, 8.9522



18.9813, 34.1894, 49.4708



25.7188, 34.1894, 97.4387

Sweetspot

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



51.2608, 34.1912, 27.1907



77.5378, 73.3089, 77.3724



55.7545, 34.9361, 98.4124



16.2098, 15.1058, 15.8533



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.



51.2608, 34.1912, 27.1907



47.1902, 28.4196, 18.5284



55.9303, 46.1368, 20.7117



18.1423, 18.0402, 19.3665



21.8417, 11.2260, 2.5507



2.1610, 1.1068, 0.4295

Inverse Universe

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



51.2608, 34.1912, 27.1907



47.1902, 28.4196, 18.5284



47.3030, 56.1786, 102.9581



18.1423, 18.0402, 19.3665



21.8417, 11.2260, 2.5507



2.1610, 1.1068, 0.4295

Previews

White Background



This preview shows how the XYZ color 51.2599, 34.1894, 27.1901 looks on a white background.

Color Contrast Check

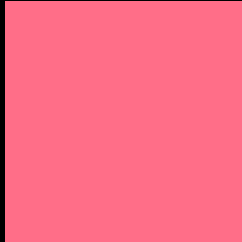
Large Text (above 18pt) WCAG AA × Fail

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 51.2599, 34.1894, 27.1901 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 51.2599, 34.1894, 27.1901

Background



This preview shows how black text looks on a background with the XYZ color 51.2599, 34.1894, 27.1901.



This preview shows how white text looks on a background with the XYZ color 51.2599, 34.1894,

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

51.2599, 34.1894, 27.1901

Protanopia

33.1571, 34.5005, 38.6299

Deuteranopia

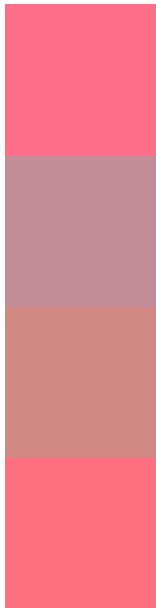
34.9578, 34.2318, 25.5338



Tritanopia

50.1683, 34.2372, 21.7336

Trichromacy



Original Color

51.2599, 34.1894, 27.1901

Protanomaly

37.6980, 32.9189, 34.0728

Deuteranomaly

39.6889, 33.2589, 26.1576

Tritanomaly

50.4331, 34.1655, 23.6752

Monochromacy



Original Color

51.2599, 34.1894, 27.1901

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

36.3957, 31.8416, 32.6616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2599, 34.1894, 27.1901 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, 110, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 136)  
}
```

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, 110, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 136) }
```

Border

The CSS property to change the border of an element to XYZ 51.2599, 34.1894, 27.1901 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, 110, 136) }
```


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

```
.border{ border-color:rgb(255, 110, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2599, 34.1894, 27.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 136) }
```

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

```
.background{ background-color: rgb(255,  
110, 136) }
```

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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