

Converting Colors

XYZ(51.4353, 34.4022, 27.6759)

Have a look what the booklet for
XYZ(51.4353, 34.4022, 27.6759)
contains.

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Color

**XYZ(51.4398, 34.4350,
27.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F89
RGB	255, 111, 137
RGB Percent	100%, 44%, 54%
CMY	0.0000, 0.5647, 0.4627
CMYK	0.00, 0.56, 0.46, 0.00
HSL	349°, 100%, 72%
HSV	349°, 56%, 100%
XYZ	51.4398, 34.4350, 27.6024
YIQ	157.0200, 77.4780, 38.6140

Conversions

Conversions Part 2

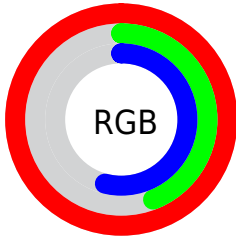
Format	Color
R _Y B	255, 111, 137
Decimal	16740233
CIE Lab	65.31, 57.01, 13.61
CIE LCh	65, 58.607, 13.423
Yxy	34.4350, 0.4533, 0.3035
Android (android.graphics.Color)	4294930313 (0xFFFF6F89)
YUV	157.0200, -9.8699, 85.9285
Hunter-Lab	58.6813, 53.7799, 13.1882

Details

The XYZ color **51.4398, 34.4350, 27.6024** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.4604, 80.5574, 86.7074**, and the grayscale version is **32.0766, 33.7471, 36.7506**.

A 20% lighter version of the original color is **64.3530, 52.6151, 55.4792**, and **25.2876, 14.7958, 10.5399** is the 20% darker color. If you saturate the color by 10%, you get **47.6870, 29.1007, 19.6584**, and if you desaturate by 10%, it is **56.2786, 41.4769, 37.3413**.

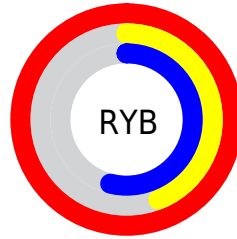
Distribution



Red (100%)

Green (44%)

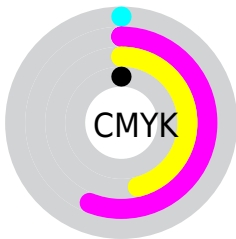
Blue (54%)



Red (100%)

Yellow (44%)

Blue (54%)

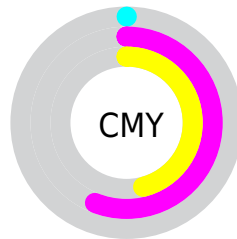


Cyan (0%)

Magenta (56%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4398, 34.4350, 27.6024 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 51.4398, 34.4350, 27.6024 by changing the saturation by 10% instead.


 51.4398, 34.4350,
27.6024

 51.4398, 34.4350,
27.6024


382.6297,
322.0674, 304.4141


 36.7812, 23.2280,
17.7897


 91.4837, 66.6096,
56.8645

 25.2110, 14.7619,
10.6313

 117.5997, 88.3459,
77.1509

 16.3639, 8.6525,
5.7084

 148.2655,
114.3608, 101.7658

 9.8745, 4.5152,
2.6027

183.8465,
145.0386, 131.1275

 5.3775, 1.9657,
0.8938

224.7081,
180.7638, 165.6546

 2.5074, 0.5875,
0.0000

271.2156,

 0.8990, 0.0000,

221.9207, 205.7657

0.0000

323.7343,
268.8938, 251.8794

■ 0.0000, 0.0000,
0.0000

■ 51.4398, 34.4350,
27.6024

■ 51.4398, 34.4350,
27.6024

■ 47.6870, 29.1007,
19.6584

■ 56.2786, 41.4769,
37.3413

■ 44.9312, 25.3226,
13.3955

■ 62.2776, 50.3499,
48.9751

■ 43.0731, 22.9319,
8.6896

■ 69.5076, 61.1724,
62.5987

■ 41.9898, 21.7164,
5.3968

■ 78.0326, 74.0512,
78.3000

■ 41.7337, 21.4575,
4.5301

■ 87.9124, 89.0853,
96.1613

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.



51.1243, 34.4350, 52.5743



51.4398, 34.4350, 27.6024



46.1624, 34.4350, 13.5687

Triad

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



51.4398, 34.4350, 27.6024



22.6903, 34.4350, 12.6604



28.2647, 34.4350, 103.0377

Complementary

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



51.4398, 34.4350, 27.6024



56.4604, 80.5574, 86.7074

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.



22.1934, 34.4350, 79.9979



51.4398, 34.4350, 27.6024



19.3795, 34.4350, 25.6140

Square

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



51.4398, 34.4350, 27.6024



29.0637, 34.4350, 7.8321



19.2150, 34.4350, 49.5043



36.6911, 34.4350, 104.3575

Rectangle

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



51.4398, 34.4350, 27.6024



40.6391, 34.4350, 9.2022



19.2150, 34.4350, 49.5043



25.9191, 34.4350, 97.2358

Sweetspot

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



51.4407, 34.4368, 27.6030



77.5449, 73.3117, 77.4099



55.9213, 35.1832, 98.4512



16.2114, 15.1065, 15.8621



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.



51.4407, 34.4368, 27.6030



47.2023, 28.4245, 18.5923



56.1000, 46.3886, 21.0384



18.1432, 18.0406, 19.3715



21.8451, 11.2273, 2.5690



2.1615, 1.1070, 0.4320

Inverse Universe

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



51.4407, 34.4368, 27.6030



47.2023, 28.4245, 18.5923



47.5059, 56.3987, 102.9897



18.1432, 18.0406, 19.3715



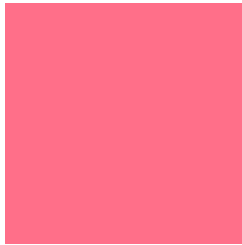
21.8451, 11.2273, 2.5690



2.1615, 1.1070, 0.4320

Previews

White Background



This preview shows how the XYZ color 51.4398, 34.4350, 27.6024 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 51.4398, 34.4350, 27.6024 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 51.4398, 34.4350, 27.6024

Background



This preview shows how black text looks on a background with the XYZ color 51.4398, 34.4350, 27.6024.

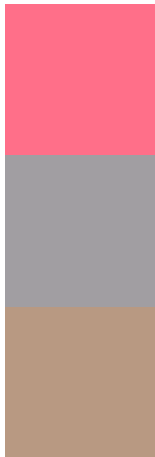


This preview shows how white text looks on a background with the XYZ color 51.4398, 34.4350,

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

51.4398, 34.4350, 27.6024

Protanopia

33.4464, 34.6394, 39.1057

Deuteranopia

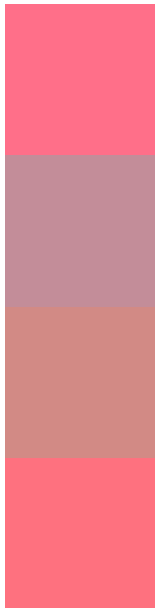
35.1877, 34.5845, 25.9400



Tritanopia

50.3416, 34.4859, 22.0923

Trichromacy



Original Color

51.4398, 34.4350, 27.6024

Protanomaly

37.7803, 32.9518, 34.5061

Deuteranomaly

39.9005, 33.5721, 26.5674

Tritanomaly

50.6089, 34.4134, 24.0537

Monochromacy



Original Color

51.4398, 34.4350, 27.6024

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

36.8754, 32.2956, 33.1443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4398, 34.4350, 27.6024 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 137) }
```

Border

The CSS property to change the border of an element to XYZ 51.4398, 34.4350, 27.6024 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, 137) }
```


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

```
.border{ border-color:rgb(255, 111, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4398, 34.4350, 27.6024 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, 137) }
```

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

```
.background{ background-color: rgb(255,  
111, 137) }
```

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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