

Converting Colors

XYZ(54.0808, 38.2975, 27.0738)

Have a look what the booklet for
XYZ(54.0808, 38.2975, 27.0738)
contains.

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Color

**XYZ(52.8767, 37.6485,
27.0342)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7D86
RGB	255, 125, 134
RGB Percent	100%, 49%, 53%
CMY	0.0000, 0.5098, 0.4745
CMYK	0.00, 0.51, 0.47, 0.00
HSL	356°, 100%, 75%
HSV	356°, 51%, 100%
XYZ	52.8767, 37.6485, 27.0342
YIQ	164.8960, 74.5910, 30.3590

Conversions

Conversions Part 2

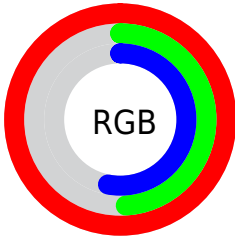
Format	Color
R _Y B	255, 125, 134
Decimal	16743814
CIE Lab	67.76, 50.19, 18.71
CIE LCh	68, 53.561, 20.447
Yxy	37.6485, 0.4498, 0.3203
Android (android.graphics.Color)	4294933894 (0xFFFF7D86)
YUV	164.8960, -15.2317, 79.0212
Hunter-Lab	61.3584, 46.4485, 16.8280

Details

The XYZ color **52.8767, 37.6485, 27.0342** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.8541, 82.5346, 99.9178**, and the grayscale version is **35.7612, 37.6236, 40.9721**.

A 20% lighter version of the original color is **66.5309, 57.4904, 54.6039**, and **26.1411, 16.6317, 10.4268** is the 20% darker color. If you saturate the color by 10%, you get **48.5789, 31.4118, 18.3303**, and if you desaturate by 10%, it is **58.3764, 45.6947, 37.9723**.

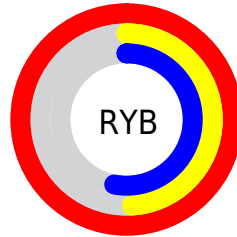
Distribution



Red (100%)

Green (49%)

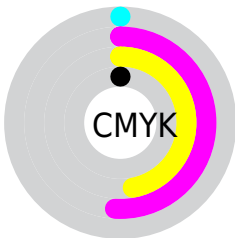
Blue (53%)



Red (100%)

Yellow (49%)

Blue (53%)

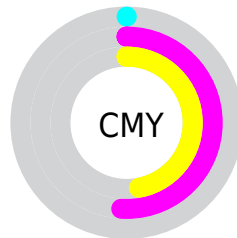


Cyan (0%)

Magenta (51%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8767, 37.6485, 27.0342 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 52.8767, 37.6485, 27.0342 by changing the saturation by 10% instead.


 52.8767, 37.6485,
27.0342

 52.8767, 37.6485,
27.0342

388.0805,
336.1097, 301.5881


 37.9314, 25.7100,
17.3662


 93.5895, 71.5691,
55.9431

 26.1064, 16.6068,
10.3312


 120.0878, 94.3199,
76.0212

 17.0364, 9.9546,
5.5107


 151.1677,
121.4437, 100.4064

 10.3559, 5.3688,
2.4860

187.1947,
153.3247, 129.5173

 5.6996, 2.4653,
0.8327

228.5342,
190.3474, 163.7723

 2.7022, 0.8592,
0.0000

275.5514,

 0.9983, 0.0000,

232.8962, 203.5901

0.0000

328.6117,
281.3555, 249.3892

■ 0.0000, 0.0000,
0.0000

■ 52.8767, 37.6485,
27.0342

■ 52.8767, 37.6485,
27.0342

■ 48.5789, 31.4118,
18.3303

■ 58.3764, 45.6947,
37.9723

■ 45.3903, 26.8390,
11.7044

■ 65.1559, 55.6694,
51.2819

■ 43.2092, 23.7722,
6.9835

■ 73.2898, 67.6883,
67.0920

■ 41.9136, 22.0199,
3.9656

■ 82.8462, 81.8565,
85.5215

■ 41.3461, 21.3024,
2.4896

■ 93.8887, 98.2717,
106.6816

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.



53.8985, 37.6485, 49.0375



52.8767, 37.6485, 27.0342



46.9134, 37.6485, 14.9233

Triad

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



52.8767, 37.6485, 27.0342



24.8553, 37.6485, 18.2680



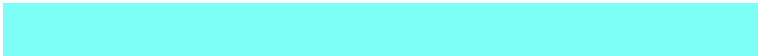
33.2053, 37.6485, 104.4270

Complementary

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



52.8767, 37.6485, 27.0342



60.8541, 82.5346, 99.9178

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.



26.5702, 37.6485, 87.1759



52.8767, 37.6485, 27.0342



22.2642, 37.6485, 33.8799

Square

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



52.8767, 37.6485, 27.0342



30.5035, 37.6485, 11.3872



22.8395, 37.6485, 59.0805



41.6408, 37.6485, 100.3019

Rectangle

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



52.8767, 37.6485, 27.0342



41.3827, 37.6485, 11.2838



22.8395, 37.6485, 59.0805



30.7141, 37.6485, 100.7449

Sweetspot

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



52.8777, 37.6505, 27.0349



78.8269, 75.8923, 77.7856



62.7508, 41.1523, 99.2433



16.4416, 15.6057, 15.8189



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.



52.8777, 37.6505, 27.0349



48.5706, 31.3996, 18.3129



61.0965, 55.0497, 26.8103



18.0603, 18.0074, 18.9349



21.6229, 11.1385, 1.3989



2.1223, 1.0913, 0.2254

Inverse Universe

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



52.8777, 37.6505, 27.0349



48.5706, 31.3996, 18.3129



47.3571, 53.2777, 102.3951



18.0603, 18.0074, 18.9349



21.6229, 11.1385, 1.3989



2.1223, 1.0913, 0.2254

Previews

White Background



This preview shows how the XYZ color 52.8767, 37.6485, 27.0342 looks on a white background.

Color Contrast Check

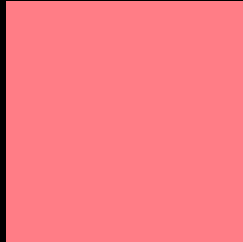
Large Text (above 18pt) WCAG AA × Fail

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 52.8767, 37.6485, 27.0342 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 52.8767, 37.6485, 27.0342

Background



This preview shows how black text looks on a background with the XYZ color 52.8767, 37.6485, 27.0342.



This preview shows how white text looks on a background with the XYZ color 52.8767, 37.6485,

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

52.8767, 37.6485, 27.0342

Protanopia

36.0825, 37.9013, 35.9858

Deuteranopia

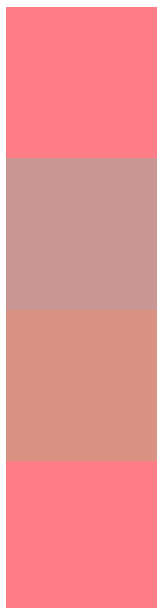
38.5426, 37.8241, 25.6914



Tritanopia

52.8767, 37.6485, 27.0342

Trichromacy



Original Color

52.8767, 37.6485, 27.0342

Protanomaly

40.5299, 36.4758, 32.5081

Deuteranomaly

42.7819, 37.0781, 26.0210

Tritanomaly

52.8767, 37.6485, 27.0342

Monochromacy



Original Color

52.8767, 37.6485, 27.0342

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

40.0278, 36.1516, 35.4401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8767, 37.6485, 27.0342 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, 125, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 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, 125, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 134) }
```

Border

The CSS property to change the border of an element to XYZ 52.8767, 37.6485, 27.0342 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, 125, 134) }
```


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

```
.border{ border-color:rgb(255, 125, 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, 125, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8767, 37.6485, 27.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 134) }
```

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

```
.background{ background-color: rgb(255,  
125, 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](#).

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