

Converting Colors

XYZ(52.9110, 37.6521, 27.2463)

Have a look what the booklet for
XYZ(52.9110, 37.6521, 27.2463)
contains.

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Color

**XYZ(52.9468, 37.6765,
27.4034)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7D87
RGB	255, 125, 135
RGB Percent	100%, 49%, 53%
CMY	0.0000, 0.5098, 0.4706
CMYK	0.00, 0.51, 0.47, 0.00
HSL	355°, 100%, 75%
HSV	355°, 51%, 100%
XYZ	52.9468, 37.6765, 27.4034
YIQ	165.0100, 74.2700, 30.6700

Conversions

Conversions Part 2

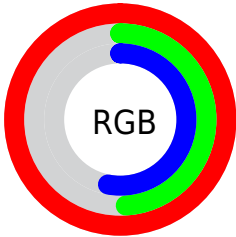
Format	Color
R _Y B	255, 125, 135
Decimal	16743815
CIE Lab	67.78, 50.28, 18.18
CIE LCh	68, 53.464, 19.877
Yxy	37.6765, 0.4486, 0.3192
Android (android.graphics.Color)	4294933895 (0xFFFF7D87)
YUV	165.0100, -14.7949, 78.9212
Hunter-Lab	61.3812, 46.5552, 16.4970

Details

The XYZ color **52.9468, 37.6765, 27.4034** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.7009, 82.4734, 99.1111**, and the grayscale version is **35.8139, 37.6790, 41.0325**.

A 20% lighter version of the original color is **66.6384, 57.5334, 55.1698**, and **26.1411, 16.6317, 10.4268** is the 20% darker color. If you saturate the color by 10%, you get **48.6447, 31.4381, 18.6768**, and if you desaturate by 10%, it is **58.4457, 45.7224, 38.3372**.

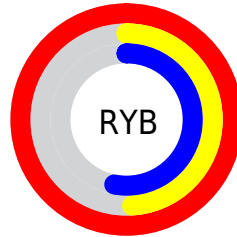
Distribution



Red (100%)

Green (49%)

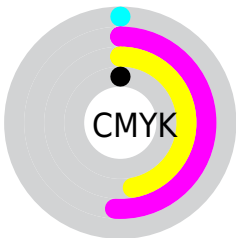
Blue (53%)



Red (100%)

Yellow (49%)

Blue (53%)

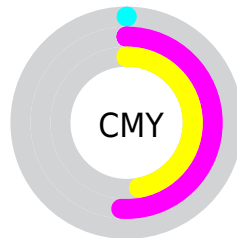


Cyan (0%)

Magenta (51%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9468, 37.6765, 27.4034 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 52.9468, 37.6765, 27.4034 by changing the saturation by 10% instead.


 52.9468, 37.6765,
27.4034


 52.9468, 37.6765,
27.4034

388.3452,
336.2302, 303.4268


 37.9876, 25.7317,
17.6413

 93.6921, 71.6120,
56.5421

 26.1502, 16.6230,
10.5260


 120.2089, 94.3716,
76.7558

 17.0693, 9.9661,
5.6389


 151.3089,
121.5048, 101.2904

 10.3796, 5.3765,
2.5616

187.3575,
153.3961, 130.5646

 5.7155, 2.4698,
0.8725

228.7201,
190.4299, 164.9967

 2.7119, 0.8615,
0.0000

275.7620,

 1.0033, 0.0000,

232.9906, 205.0055

0.0000

328.8486,
281.4626, 251.0093

■ 0.0000, 0.0000,
0.0000

■ 52.9468, 37.6765,
27.4034

■ 52.9468, 37.6765,
27.4034

■ 48.6447, 31.4381,
18.6768

■ 58.4457, 45.7224,
38.3372

■ 45.4474, 26.8619,
12.0050

■ 65.2186, 55.6944,
51.6122

■ 43.2541, 23.7902,
7.2199

■ 73.3396, 67.7082,
67.3544

■ 41.9439, 22.0321,
4.1254

■ 82.8763, 81.8684,
85.6798

■ 41.3627, 21.3091,
2.5765

■ 93.8917, 98.2728,
106.6975

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.



53.8604, 37.6765, 49.5616



52.9468, 37.6765, 27.4034



47.0690, 37.6765, 15.1204

Triad

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



52.9468, 37.6765, 27.4034



24.9734, 37.6765, 18.1140



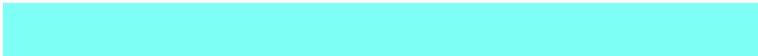
33.0870, 37.6765, 104.1868

Complementary

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



52.9468, 37.6765, 27.4034



60.7009, 82.4734, 99.1111

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.



26.5076, 37.6765, 86.6412



52.9468, 37.6765, 27.4034



22.3242, 37.6765, 33.5267

Square

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



52.9468, 37.6765, 27.4034



30.6704, 37.6765, 11.3668



22.8389, 37.6765, 58.5410



41.4948, 37.6765, 100.4999

Rectangle

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



52.9468, 37.6765, 27.4034



41.5657, 37.6765, 11.3953



22.8389, 37.6765, 58.5410



30.6125, 37.6765, 100.3782

Sweetspot

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



52.9478, 37.6785, 27.4041



78.8658, 75.9078, 77.9904



62.7508, 41.1522, 99.2433



16.4508, 15.6094, 15.8674



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.



52.9478, 37.6785, 27.4041



48.6364, 31.4259, 18.6594



61.0965, 55.0497, 26.8102



18.0660, 18.0097, 18.9649



21.6329, 11.1425, 1.4514



2.1250, 1.0924, 0.2396

Inverse Universe

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



52.9478, 37.6785, 27.4041



48.6364, 31.4259, 18.6594



47.3571, 53.2776, 102.3951



18.0660, 18.0097, 18.9649



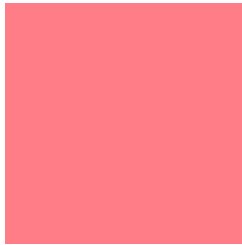
21.6329, 11.1425, 1.4514



2.1250, 1.0924, 0.2396

Previews

White Background



This preview shows how the XYZ color 52.9468, 37.6765, 27.4034 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 52.9468, 37.6765, 27.4034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

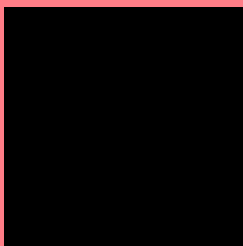
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9468, 37.6765, 27.4034

Background



This preview shows how black text looks on a background with the XYZ color 52.9468, 37.6765, 27.4034.



This preview shows how white text looks on a background with the XYZ color 52.9468, 37.6765,

27.4034.

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

52.9468, 37.6765, 27.4034

Protanopia

36.1661, 37.9348, 36.4263

Deuteranopia

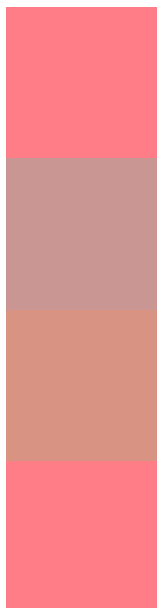
38.6087, 37.8506, 26.0399



Tritanopia

52.8767, 37.6485, 27.0342

Trichromacy



Original Color

52.9468, 37.6765, 27.4034

Protanomaly

40.6088, 36.5074, 32.9233

Deuteranomaly

42.8494, 37.1051, 26.3763

Tritanomaly

52.8767, 37.6485, 27.0342

Monochromacy



Original Color

52.9468, 37.6765, 27.4034

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 52.9468, 37.6765, 27.4034 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 135) }
```

Border

The CSS property to change the border of an element to XYZ 52.9468, 37.6765, 27.4034 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, 135) }
```


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

```
.border{ border-color:rgb(255, 125, 135) }
```

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, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9468, 37.6765, 27.4034 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, 135) }
```

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

```
.background{ background-color: rgb(255,  
125, 135) }
```

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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