

# Converting Colors

XYZ(54.8889, 40.5812, 31.0702)

Have a look what the booklet for  
XYZ(54.8889, 40.5812, 31.0702)  
contains.

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# Color

**XYZ(54.8619, 40.5711,  
30.9261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF878F
RGB	255, 135, 143
RGB Percent	100%, 53%, 56%
CMY	0.0000, 0.4706, 0.4392
CMYK	0.00, 0.47, 0.44, 0.00
HSL	356°, 100%, 76%
HSV	356°, 47%, 100%
XYZ	54.8619, 40.5711, 30.9261
YIQ	171.7920, 68.9520, 27.9280

# Conversions

## Conversions Part 2

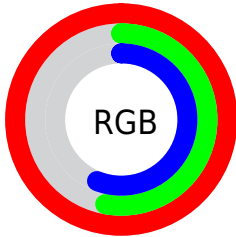
Format	Color
R <sub>Y</sub> B	255, 135, 143
Decimal	16746383
CIE Lab	69.87, 46.16, 16.59
CIE LCh	70, 49.051, 19.771
Yxy	40.5711, 0.4342, 0.3211
Android (android.graphics.Color)	4294936463 (0xFFFF878F)
YUV	171.7920, -14.1945, 72.9734
Hunter-Lab	63.6954, 42.2779, 15.7997

# Details

The XYZ color **54.8619, 40.5711, 30.9261** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.5423, 83.3872, 100.7997**, and the grayscale version is **39.1537, 41.1928, 44.8589**.

A 20% lighter version of the original color is **69.7315, 62.1181, 61.1381**, and **27.4988, 18.4270, 12.4633** is the 20% darker color. If you saturate the color by 10%, you get **50.1047, 33.6425, 21.3686**, and if you desaturate by 10%, it is **60.8557, 49.3606, 42.7836**.

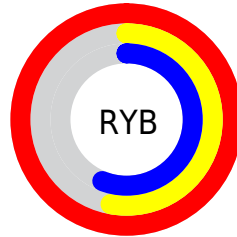
# Distribution



Red (100%)

Green (53%)

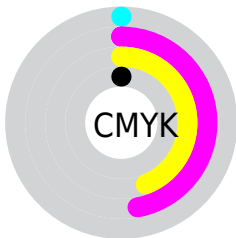
Blue (56%)



Red (100%)

Yellow (53%)

Blue (56%)

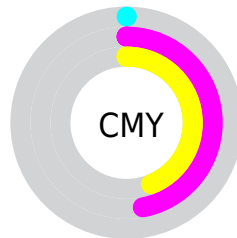


Cyan (0%)

Magenta (47%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (47%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8619, 40.5711, 30.9261 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 54.8619, 40.5711, 30.9261 by changing the saturation by 10% instead.




 54.8619, 40.5711,  
30.9261

 54.8619, 40.5711,  
30.9261


395.5332,  
348.5248, 320.5384


 39.5246, 27.9841,  
20.2846

 96.4881, 76.0324,  
62.2019

 27.3506, 18.3137,  
12.4160


 123.5077, 99.6755,  
83.6733

 17.9747, 11.1754,  
6.9017


 155.1520,  
127.7727, 109.5917

 11.0314, 6.1850,  
3.3232

191.7865,  
160.7084, 140.3757

 6.1554, 2.9579,  
1.2619

233.7765,  
198.8671, 176.4439

 2.9814, 1.1098,  
0.0303

281.4874,

 1.1439, 0.0000,

242.6332, 218.2146

0.0000

335.2845,  
292.3909, 266.1066

■ 0.0614, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.8619, 40.5711,  
30.9261

■ 54.8619, 40.5711,  
30.9261

■ 50.1047, 33.6425,  
21.3686

■ 60.8557, 49.3606,  
42.7836

■ 46.4946, 28.4353,  
13.9597

■ 68.1608, 60.1250,  
57.0746

■ 43.9353, 24.8001,  
8.5335

■ 76.8498, 72.9767,  
73.9252

■ 42.3133, 22.5598,  
4.8986

■ 86.9891, 88.0177,  
93.4520

■ 41.4862, 21.4889, 95.0499, 100.0000,  
2.8251 108.9000

■ 41.3410, 21.3004,  
2.4623

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.7010, 40.5711, 52.4395



54.8619, 40.5711, 30.9261



49.3341, 40.5711, 18.4188

# Triad

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



54.8619, 40.5711, 30.9261



28.0018, 40.5711, 21.4539



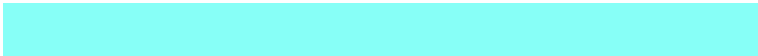
35.9028, 40.5711, 102.9987

# Complementary

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



54.8619, 40.5711, 30.9261



62.5423, 83.3872, 100.7997

# 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.



29.4839, 40.5711, 86.8874



54.8619, 40.5711, 30.9261



25.3571, 40.5711, 36.8279

# Square

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



54.8619, 40.5711, 30.9261



33.6050, 40.5711, 14.4010



25.8594, 40.5711, 60.7524



43.9831, 40.5711, 99.7108



# Rectangle

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



54.8619, 40.5711, 30.9261



44.1090, 40.5711, 14.4580



25.8594, 40.5711, 60.7524



33.5000, 40.5711, 99.5042

# Sweetspot

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



54.8629, 40.5732, 30.9268



79.7916, 77.3364, 79.6033



65.0729, 44.3242, 99.7333



16.6311, 15.8898, 16.1747



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.



54.8629, 40.5732, 30.9268



50.5514, 34.2906, 22.2737



63.3848, 58.5518, 30.8853



18.0584, 18.0067, 18.9249



21.6198, 11.1372, 1.3823



2.1214, 1.0909, 0.2207



# Inverse Universe

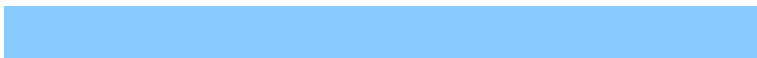
The Inverse Universe completely reimagines the original color for something new.



54.8629, 40.5732, 30.9268



50.5514, 34.2906, 22.2737



49.3995, 55.0848, 102.6364



18.0584, 18.0067, 18.9249



21.6198, 11.1372, 1.3823



2.1214, 1.0909, 0.2207



# Previews

## White Background



This preview shows how the XYZ color 54.8619, 40.5711, 30.9261 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 54.8619, 40.5711, 30.9261 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 54.8619, 40.5711, 30.9261**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.8619, 40.5711, 30.9261.



This preview shows how white text looks on a background with the XYZ color 54.8619, 40.5711,

30.9261.

# 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

54.8619, 40.5711, 30.9261

### Protanopia

39.1274, 41.0461, 39.5787

### Deuteranopia

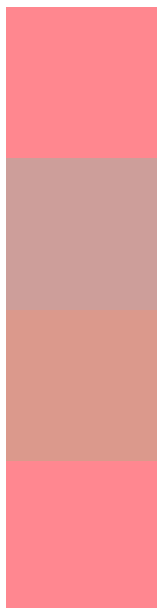
41.4161, 40.5280, 29.6846



## Tritanopia

55.0148, 40.6323, 31.7313

# Trichromacy



## Original Color

54.8619, 40.5711, 30.9261

## Protanomaly

43.2364, 39.7659, 35.9686

## Deuteranomaly

45.3383, 39.7360, 30.0912

## Tritanomaly

54.9380, 40.6016, 31.3269

# Monochromacy



## Original Color

54.8619, 40.5711, 30.9261

## Achromatopsia

39.2122, 41.2543, 44.9259

## Achromatomaly

43.1883, 39.9260, 39.1484

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.8619, 40.5711, 30.9261 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, 135, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 143)  
}
```

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, 135, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 143) }
```

## Border

The CSS property to change the border of an element to XYZ 54.8619, 40.5711, 30.9261 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, 135, 143) }
```



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

```
.border{ border-color:rgb(255, 135, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
143) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.8619, 40.5711, 30.9261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 143) }
```

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

```
.background{ background-color: rgb(255,  
135, 143) }
```

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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