

# Converting Colors

XYZ(54.7260, 38.3877, 29.1357)

Have a look what the booklet for  
XYZ(54.7260, 38.3877, 29.1357)  
contains.

<b>XYZ(53.1079, 37.5394, 28.8728)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(53.1079, 37.5394,  
28.8728)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF7C8B
RGB	255, 124, 139
RGB Percent	100%, 49%, 55%
CMY	0.0000, 0.5137, 0.4549
CMYK	0.00, 0.51, 0.45, 0.00
HSL	353°, 100%, 74%
HSV	353°, 51%, 100%
XYZ	53.1079, 37.5394, 28.8728
YIQ	164.8790, 73.2610, 32.4370

# Conversions

## Conversions Part 2

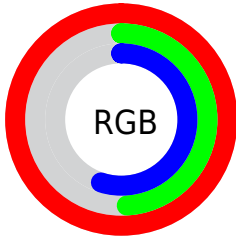
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 124, 139
Decimal	16743563
CIE <sub>Lab</sub>	67.68, 51.13, 15.78
CIE <sub>LCh</sub>	68, 53.515, 17.155
Yxy	37.5394, 0.4443, 0.3141
Android (android.graphics.Color)	4294933643 (0xFFFF7C8B)
YUV	164.8790, -12.7583, 79.0361
Hunter-Lab	61.2694, 47.5011, 14.9486

# Details

The XYZ color **53.1079, 37.5394, 28.8728** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.8025, 82.0973, 95.1379**, and the grayscale version is **35.7420, 37.6034, 40.9501**.

A 20% lighter version of the original color is **67.0757, 57.7083, 57.4727**, and **26.2415, 16.5709, 11.2666** is the 20% darker color. If you saturate the color by 10%, you get **48.8322, 31.3614, 20.1308**, and if you desaturate by 10%, it is **58.5524, 45.5097, 39.6862**.

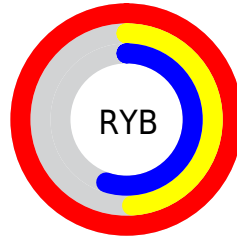
# Distribution



Red (100%)

Green (49%)

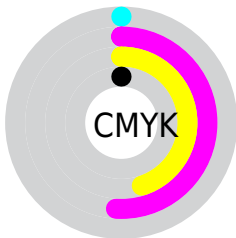
Blue (55%)



Red (100%)

Yellow (49%)

Blue (55%)

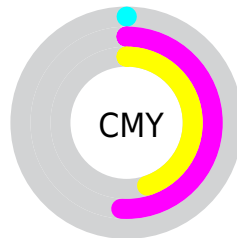


Cyan (0%)

Magenta (51%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (51%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1079, 37.5394, 28.8728 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 53.1079, 37.5394, 28.8728 by changing the saturation by 10% instead.




 53.1079, 37.5394,  
28.8728


 53.1079, 37.5394,  
28.8728


388.9530,  
335.6400, 310.6565


 38.1167, 25.6254,  
18.7399

 93.9277, 71.4016,  
58.9147

 26.2509, 16.5436,  
11.3076


 120.4871, 94.1186,  
79.6607

 17.1451, 9.9096,  
6.1573


 151.6332,  
121.2054, 104.7816

 10.4340, 5.3391,  
2.8707

187.7315,  
153.0464, 134.6957

 5.7521, 2.4476,  
1.0290

229.1473,  
190.0259, 169.8218

 2.7341, 0.8502,  
0.0000

276.2459,

 1.0148, 0.0000,

232.5284, 210.5782

0.0000

329.3927,  
280.9383, 257.3836

■ 0.0000, 0.0000,  
0.0000

■ 53.1079, 37.5394,  
28.8728

■ 53.1079, 37.5394,  
28.8728

■ 48.8322, 31.3614,  
20.1308

■ 58.5524, 45.5097,  
39.6862

■ 45.6362, 26.8314,  
13.3253

■ 65.2403, 55.3905,  
52.6902

■ 43.4225, 23.7921,  
8.3083

■ 73.2434, 67.2967,  
67.9973

■ 42.0746, 22.0531,  
4.9091

■ 82.6269, 81.3323,  
85.7116

■ 41.4641, 21.3496,  
3.1100

■ 93.4520, 97.5945,  
105.9308

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.



53.5119, 37.5394, 51.8425



53.1079, 37.5394, 28.8728



47.6060, 37.5394, 15.7732

# Triad

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



53.1079, 37.5394, 28.8728



25.2567, 37.5394, 17.0901



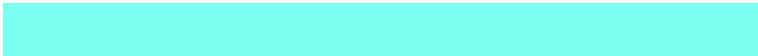
32.2645, 37.5394, 103.1889

# Complementary

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



53.1079, 37.5394, 28.8728



59.8025, 82.0973, 95.1379

# 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.



25.9334, 37.5394, 84.1133



53.1079, 37.5394, 28.8728



22.3280, 37.5394, 31.5732

# Square

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



53.1079, 37.5394, 28.8728



31.1978, 37.5394, 10.9976



22.5549, 37.5394, 55.8107



40.5723, 37.5394, 101.5563



# Rectangle

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



53.1079, 37.5394, 28.8728



42.2079, 37.5394, 11.6539



22.5549, 37.5394, 55.8107



29.8626, 37.5394, 98.7495

# Sweetspot

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



53.1089, 37.5414, 28.8735



79.0567, 75.9842, 78.9957



61.0980, 40.1131, 99.1301



16.4961, 15.6275, 16.1057



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.



53.1089, 37.5414, 28.8735



48.5997, 31.0286, 19.6460



60.0574, 53.0732, 26.1502



18.0939, 18.0209, 19.1116



21.6925, 11.1663, 1.7655



2.1381, 1.0976, 0.3087



# Inverse Universe

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



53.1089, 37.5414, 28.8735



48.5997, 31.0286, 19.6460



48.1435, 55.0661, 102.6991



18.0939, 18.0209, 19.1116



21.6925, 11.1663, 1.7655



2.1381, 1.0976, 0.3087



# Previews

## White Background



This preview shows how the XYZ color 53.1079, 37.5394, 28.8728 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

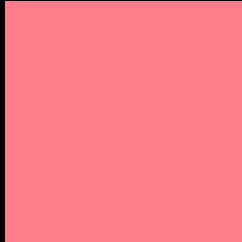
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.1079, 37.5394, 28.8728 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 53.1079, 37.5394, 28.8728**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.1079, 37.5394, 28.8728.



This preview shows how white text looks on a background with the XYZ color 53.1079, 37.5394,

28.8728.

# 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

53.1079, 37.5394, 28.8728

### Protanopia

36.1625, 37.8833, 38.6640

### Deuteranopia

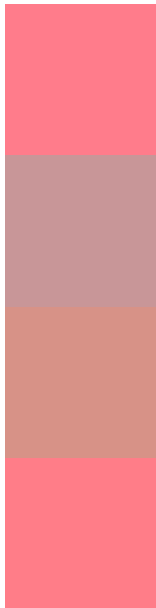
38.3700, 37.6962, 27.4441



## Tritanopia

52.8767, 37.6485, 27.0342

# Trichromacy



## Original Color

53.1079, 37.5394, 28.8728

## Protanomaly

40.3933, 36.3591, 34.5948

## Deuteranomaly

42.6764, 36.7541, 27.7666

## Tritanomaly

53.0175, 37.7048, 27.7760

# Monochromacy



## Original Color

53.1079, 37.5394, 28.8728

## Achromatopsia

35.7637, 37.6262, 40.9749

## Achromatomaly

40.1958, 36.2188, 36.3249

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.1079, 37.5394, 28.8728 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, 124, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 139)  
}
```

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, 124, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 139) }
```

## Border

The CSS property to change the border of an element to XYZ 53.1079, 37.5394, 28.8728 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, 124, 139) }
```



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

```
.border{ border-color:rgb(255, 124, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
139) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.1079, 37.5394, 28.8728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 139) }
```

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

```
.background{ background-color: rgb(255,  
124, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor