

# Converting Colors

XYZ(53.9376, 40.6709, 33.4412)

Have a look what the booklet for  
XYZ(53.9376, 40.6709, 33.4412)  
contains.

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# Color

**XYZ(53.9376, 40.6709,  
33.4412)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FA8A95
RGB	250, 138, 149
RGB Percent	98%, 54%, 58%
CMY	0.0196, 0.4588, 0.4157
CMYK	0.00, 0.45, 0.40, 0.02
HSL	354°, 92%, 76%
HSV	354°, 45%, 98%
XYZ	53.9376, 40.6709, 33.4412
YIQ	172.7420, 63.2210, 27.1650

# Conversions

## Conversions Part 2

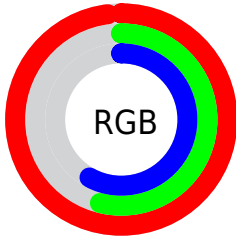
Format	Color
R <sub>Y</sub> B	250, 138, 149
Decimal	16419477
CIE Lab	69.94, 43.50, 13.24
CIE LCh	70, 45.475, 16.929
Yxy	40.6709, 0.4212, 0.3176
Android (android.graphics.Color)	4294609557 (0xFFFA8A95)
YUV	172.7420, -11.7048, 67.7553
Hunter-Lab	63.7737, 39.3650, 13.5516

# Details

The XYZ color **53.9376, 40.6709, 33.4412** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.2488, 80.0073, 93.9336**, and the grayscale version is **39.6254, 41.6890, 45.3993**.

A 20% lighter version of the original color is **71.0895, 63.7117, 65.0507**, and **26.6883, 18.3260, 13.6859** is the 20% darker color. If you saturate the color by 10%, you get **49.1255, 33.6540, 23.7996**, and if you desaturate by 10%, it is **59.9257, 49.4821, 45.1945**.

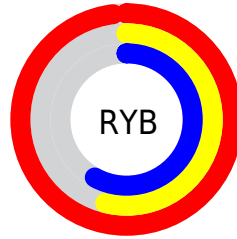
# Distribution



Red (98%)

Green (54%)

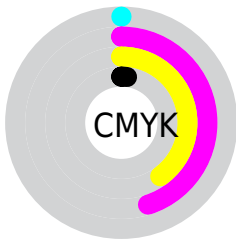
Blue (58%)



Red (98%)

Yellow (54%)

Blue (58%)

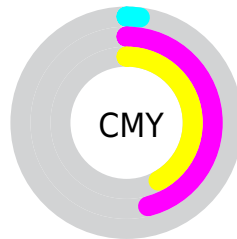


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (2%)



Cyan (2%)

Magenta (46%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9376, 40.6709, 33.4412 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 53.9376, 40.6709, 33.4412 by changing the saturation by 10% instead.





 53.9376, 40.6709,  
33.4412


 53.9376, 40.6709,  
33.4412


392.0743,  
348.9433, 332.3259


 38.7822, 28.0620,  
22.1908


 95.1400, 76.1841,  
66.1877

 26.7703, 18.3724,  
13.7975


 121.9179, 99.8571,  
88.5208

 17.5365, 11.2177,  
7.8428

 153.3005,  
127.9870, 115.3852

 10.7154, 6.2135,  
3.9082

189.6534,  
160.9582, 147.1995

 5.9417, 2.9753,  
1.5751

231.3419,  
199.1550, 184.3822

 2.8500, 1.1189,  
0.2730

278.7313,

 1.0749, 0.0000,

242.9619, 227.3518

0.0000

332.1869,  
292.7632, 276.5268

0.0040, 0.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.9376, 40.6709,  
33.4412

53.9376, 40.6709,  
33.4412

49.1255, 33.6540,  
23.7996

59.9257, 49.4821,  
45.1945

45.4087, 28.3022,  
16.1421

67.1570, 60.1927,  
59.1723

42.7010, 24.4793,  
10.3306

75.6977, 72.9070,  
75.4822

40.9023, 22.0245,  
6.2083

85.6081, 87.7201,  
94.2239

■ 39.8909, 20.7410,  
3.5918

■ 93.2342, 99.0639,  
108.8150

■ 39.5948, 20.3922,  
2.7432

# Harmonies

## Analogous

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



54.2479, 40.6709, 54.1593



53.9376, 40.6709, 33.4412



49.2161, 40.6709, 20.6784

# Triad

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



53.9376, 40.6709, 33.4412



29.1617, 40.6709, 21.8686



35.5254, 40.6709, 97.0534

# Complementary

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



53.9376, 40.6709, 33.4412



60.2488, 80.0073, 93.9336

# 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.



29.7268, 40.6709, 81.2430



53.9376, 40.6709, 33.4412



26.3814, 40.6709, 35.6881

# Square

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



53.9376, 40.6709, 33.4412



34.6576, 40.6709, 15.6102



26.5741, 40.6709, 57.2480



42.9517, 40.6709, 95.8599



# Rectangle

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



53.9376, 40.6709, 33.4412



44.5079, 40.6709, 16.3678



26.5741, 40.6709, 57.2480



33.3418, 40.6709, 93.3812

# Sweetspot

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



53.9387, 40.6730, 33.4420



80.9263, 78.8648, 82.2658



61.8741, 43.3972, 95.5576



16.8610, 16.1931, 16.7339



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.



53.9387, 40.6730, 33.4420



51.7207, 35.6863, 25.5700



60.9054, 55.9454, 31.6360



17.3138, 17.2529, 18.2423



21.0254, 10.8259, 1.5764



1.9697, 1.0116, 0.2640



# Inverse Universe

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



53.9387, 40.6730, 33.4420



51.7207, 35.6863, 25.5700



49.6176, 56.0657, 98.6489



17.3138, 17.2529, 18.2423



21.0254, 10.8259, 1.5764

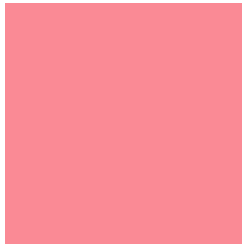


1.9697, 1.0116, 0.2640



# Previews

## White Background



This preview shows how the XYZ color 53.9376, 40.6709, 33.4412 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

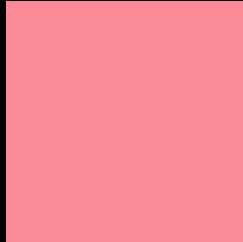
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.9376, 40.6709, 33.4412 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 53.9376, 40.6709, 33.4412**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.9376, 40.6709, 33.4412.



This preview shows how white text looks on a background with the XYZ color 53.9376, 40.6709,



# 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

53.9376, 40.6709, 33.4412

### Protanopia

39.3503, 41.1091, 41.9373

### Deuteranopia

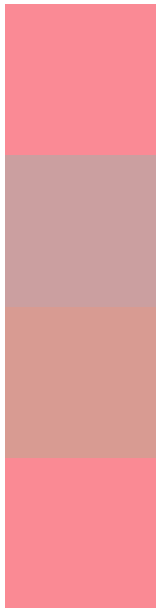
41.5151, 40.7942, 32.0715



## Tritanopia

53.8581, 40.6391, 33.0225

# Trichromacy



## Original Color

53.9376, 40.6709, 33.4412

## Protanomaly

43.3719, 40.0308, 38.6985

## Deuteranomaly

45.2286, 40.1169, 32.5537

## Tritanomaly

53.8581, 40.6391, 33.0225

# Monochromacy



## Original Color

53.9376, 40.6709, 33.4412

## Achromatopsia

39.7200, 41.7885, 45.5077

## Achromatomaly

43.3590, 40.2395, 40.6037

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.9376, 40.6709, 33.4412 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(250, 138, 149)` looks like.

```
.text, #text, p{  
    color:rgb(250, 138, 149)  
}
```

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(250, 138, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 138, 149) }
```

## Border

The CSS property to change the border of an element to XYZ 53.9376, 40.6709, 33.4412 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(250, 138, 149) }
```



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

```
.border{ border-color:rgb(250, 138, 149) }
```

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

Here you see how a box with a 4 pixel rgb(250, 138, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 138, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 138, 149);  
box-shadow:4px 4px 4px 4px rgb(250, 138,  
149) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.9376, 40.6709, 33.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 138, 149) }
```

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

```
.background{ background-color: rgb(250,  
138, 149) }
```

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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