

# Converting Colors

XYZ(53.2458, 43.6364, 38.4172)

Have a look what the booklet for  
XYZ(53.2458, 43.6364, 38.4172)  
contains.

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# Color

**XYZ(53.2458, 43.6364,  
38.4172)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF999F
RGB	239, 153, 159
RGB Percent	94%, 60%, 62%
CMY	0.0627, 0.4000, 0.3765
CMYK	0.00, 0.36, 0.33, 0.06
HSL	356°, 73%, 77%
HSV	356°, 36%, 94%
XYZ	53.2458, 43.6364, 38.4172
YIQ	179.3980, 49.3300, 20.0980

# Conversions

## Conversions Part 2

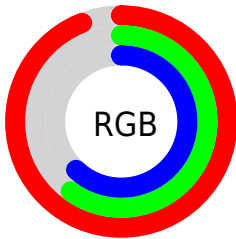
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 153, 159
Decimal	15702431
CIE <sub>Lab</sub>	71.98, 32.93, 10.37
CIE <sub>LCh</sub>	72, 34.529, 17.483
Yxy	43.6364, 0.3935, 0.3225
Android (android.graphics.Color)	4293892511 (0xFFEF999F)
YUV	179.3980, -10.0562, 52.2710
Hunter-Lab	66.0579, 28.2783, 11.7593

# Details

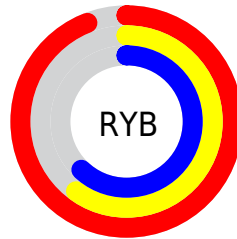
The XYZ color **53.2458, 43.6364, 38.4172** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.7133, 74.3894, 88.3588**, and the grayscale version is **43.0947, 45.3390, 49.3742**.

A 20% lighter version of the original color is **75.9335, 71.2268, 73.3643**, and **26.4165, 20.2138, 16.6967** is the 20% darker color. If you saturate the color by 10%, you get **47.9595, 35.8787, 27.9770**, and if you desaturate by 10%, it is **59.6649, 53.1039, 50.9480**.

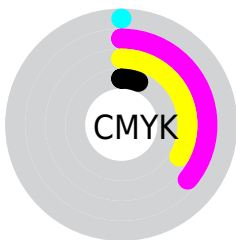
# Distribution



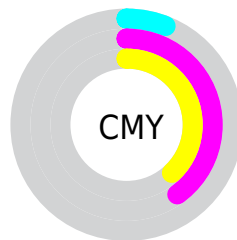
- Red (94%)
- Green (60%)
- Blue (62%)



- Red (94%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (36%)
- Yellow (33%)
- Black (6%)




- Cyan (6%)
- Magenta (40%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2458, 43.6364, 38.4172 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 53.2458, 43.6364, 38.4172 by changing the saturation by 10% instead.





 53.2458, 43.6364,  
38.4172


 53.2458, 43.6364,  
38.4172


389.4729,  
361.2225, 354.7580

 38.2273, 30.3848,  
26.0023


 94.1294, 80.6703,  
73.9577

 26.3372, 20.1308,  
16.5996


 120.7251,  
105.2214, 97.9203

 17.2100, 12.4902,  
9.7905


151.9107,  
134.3078, 126.5693

 10.4806, 7.0784,  
5.1565

188.0514,  
168.3138, 160.3231

 5.7834, 3.5112,  
2.2790

229.5126,  
207.6239, 199.6004

 2.7533, 1.4041,  
0.7194

276.6597,

 1.0247, 0.2197,

252.6224, 244.8196

0.0000

329.8580,  
303.6938, 296.3992

■ 0.0000, 0.0000,  
0.0000

■ 53.2458, 43.6364,  
38.4172

■ 53.2458, 43.6364,  
38.4172

■ 47.9595, 35.8787,  
27.9770

■ 59.6649, 53.1039,  
50.9480

■ 43.7369, 29.7231,  
19.5111

■ 67.2736, 64.3680,  
65.6719

■ 40.5067, 25.0592,  
12.8959

■ 76.1292, 77.5172,  
82.6878

■ 38.1874, 21.7603,  
7.9927

■ 86.2842, 92.6324,  
102.0876

■ 36.6846, 19.6788,  
4.6430

■ 89.4066, 97.0907,  
108.6359

■ 35.8828, 18.6320,  
2.6590

■ 35.6951, 18.3901,  
2.1848

# Harmonies

## Analogous

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



53.5464, 43.6364, 54.8970



53.2458, 43.6364, 38.4172



49.6118, 43.6364, 27.3867

# Triad

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



53.2458, 43.6364, 38.4172



33.6730, 43.6364, 28.7864



39.0679, 43.6364, 86.7446

# Complementary

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



53.2458, 43.6364, 38.4172



58.7133, 74.3894, 88.3588

# 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.



34.2805, 43.6364, 75.6625



53.2458, 43.6364, 38.4172



31.3697, 43.6364, 40.8220

# Square

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



53.2458, 43.6364, 38.4172



38.1641, 43.6364, 22.7994



31.5810, 43.6364, 57.9410



44.9723, 43.6364, 85.6624



# Rectangle

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



53.2458, 43.6364, 38.4172



45.9665, 43.6364, 23.4021



31.5810, 43.6364, 57.9410



37.2862, 43.6364, 84.2266

# Sweetspot

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



53.2470, 43.6385, 38.4181



82.8251, 81.8227, 85.4875



60.1970, 46.1446, 87.3953



17.4324, 17.0747, 17.7297



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.



53.2470, 43.6385, 38.4181



57.1682, 43.9176, 35.5982



59.5094, 56.9759, 38.0007



15.8175, 15.7767, 16.5951



19.7428, 10.1696, 1.2964



1.6579, 0.8522, 0.1894



# Inverse Universe

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



53.2470, 43.6385, 38.4181



57.1682, 43.9176, 35.5982



50.1140, 55.7968, 89.7899



15.8175, 15.7767, 16.5951



19.7428, 10.1696, 1.2964



1.6579, 0.8522, 0.1894



# Previews

## White Background



This preview shows how the XYZ color 53.2458, 43.6364, 38.4172 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

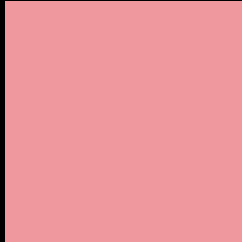
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.2458, 43.6364, 38.4172 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

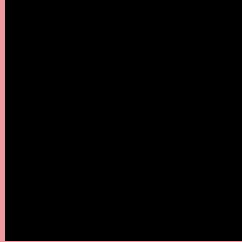
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 53.2458, 43.6364, 38.4172**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.2458, 43.6364, 38.4172.



This preview shows how white text looks on a background with the XYZ color 53.2458, 43.6364,

38.4172.

# 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

53.2458, 43.6364, 38.4172

### Protanopia

41.9321, 43.8147, 44.7751

### Deuteranopia

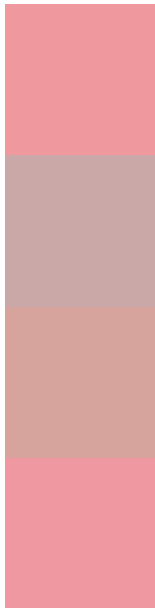
44.7326, 43.7063, 37.5310



## Tritanopia

53.5257, 43.4875, 40.6948

# Trichromacy



## Original Color

53.2458, 43.6364, 38.4172

## Protanomaly

45.3348, 43.3518, 42.5376

## Deuteranomaly

47.3856, 43.4323, 37.7841

## Tritanomaly

53.3464, 43.4158, 39.7508

# Monochromacy



## Original Color

53.2458, 43.6364, 38.4172

## Achromatopsia

42.8472, 45.0786, 49.0906

## Achromatomaly

45.9085, 44.1455, 45.1310

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.2458, 43.6364, 38.4172 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(239, 153, 159)` looks like.

```
.text, #text, p{  
    color:rgb(239, 153, 159)  
}
```

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(239, 153, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 153, 159) }
```

## Border

The CSS property to change the border of an element to XYZ 53.2458, 43.6364, 38.4172 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(239, 153, 159) }
```



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

```
.border{ border-color:rgb(239, 153, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 153, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 153, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 153, 159);  
box-shadow:4px 4px 4px 4px rgb(239, 153,  
159) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.2458, 43.6364, 38.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 153, 159) }
```

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

```
.background{ background-color: rgb(239,  
153, 159) }
```

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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