

# Converting Colors

XYZ(59.4319, 51.3184, 37.4330)

Have a look what the booklet for  
XYZ(59.4319, 51.3184, 37.4330)  
contains.

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# Color

**XYZ(59.2744, 51.2223,  
37.3346)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9AA9A
RGB	249, 170, 154
RGB Percent	98%, 67%, 60%
CMY	0.0235, 0.3333, 0.3961
CMYK	0.00, 0.32, 0.38, 0.02
HSL	10°, 89%, 79%
HSV	10°, 38%, 98%
XYZ	59.2744, 51.2223, 37.3346
YIQ	191.7970, 52.2200, 11.7720

# Conversions

## Conversions Part 2

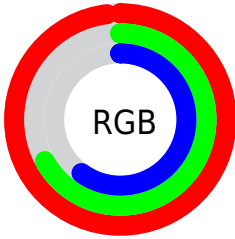
Format	Color
R <sub>Y</sub> B	249, 173, 154
Decimal	16362138
CIE Lab	76.81, 27.12, 20.04
CIE LCh	77, 33.723, 36.456
Yxy	51.2223, 0.4010, 0.3465
Android (android.graphics.Color)	4294552218 (0xFFF9AA9A)
YUV	191.7970, -18.6339, 50.1670
Hunter-Lab	71.5698, 22.5874, 19.1700

# Details

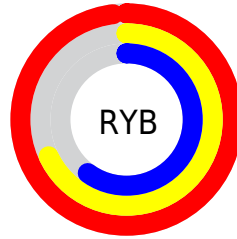
The XYZ color **59.2744, 51.2223, 37.3346** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.5630, 71.9846, 100.3777**, and the grayscale version is **50.0696, 52.6771, 57.3654**.

A 20% lighter version of the original color is **79.8215, 80.2068, 70.9489**, and **30.0447, 24.6490, 16.0062** is the 20% darker color. If you saturate the color by 10%, you get **53.8314, 43.3179, 26.3282**, and if you desaturate by 10%, it is **65.7616, 60.5263, 50.8122**.

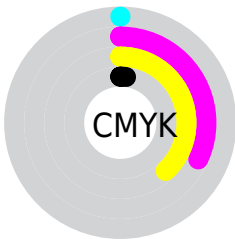
# Distribution



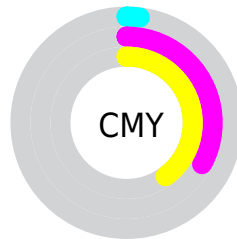
- Red (98%)
- Green (67%)
- Blue (60%)



- Red (98%)
- Yellow (68%)
- Blue (60%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (2%)



- Cyan (2%)
- Magenta (33%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2744, 51.2223, 37.3346 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 59.2744, 51.2223, 37.3346 by changing the saturation by 10% instead.





 59.2744, 51.2223,  
37.3346


 59.2744, 51.2223,  
37.3346


411.7958,  
391.4269, 349.9691

 43.0813, 36.3856,  
25.1688


 102.8887, 91.9833,  
72.2792

 30.1437, 24.7321,  
15.9827


 131.0406,  
118.6763, 95.8951

 20.0963, 15.8776,  
9.3577


163.9095,  
150.0902, 124.1648

 12.5737, 9.4376,  
4.8752

201.8607,  
186.6094, 157.5068

 7.2106, 5.0277,  
2.1168

245.2595,  
228.6183, 196.3397

 3.6417, 2.2635,  
0.6257

294.4714,

 1.5015, 0.7543,

276.5012, 241.0820

0.0000

349.8617,  
330.6426, 292.1523

■ 0.3268, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.2744, 51.2223,  
37.3346

■ 59.2744, 51.2223,  
37.3346

■ 53.8314, 43.3179,  
26.3282

■ 65.7616, 60.5263,  
50.8122

■ 49.3731, 36.7378,  
17.6392

■ 73.3400, 71.2855,  
66.8959

■ 45.8404, 31.4110,  
11.1016

■ 82.0588, 83.5617,  
85.7143

■ 43.1656, 27.2566,  
6.5256

■ 91.9629, 97.4108,  
107.3867

■ 41.2715, 24.1840,  
3.6879

■ 92.8769, 98.8797,  
108.7983

■ 40.0605, 22.0865,  
2.2838

■ 39.8932, 21.7922,  
2.1037

# Harmonies

## Analogous

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



61.9724, 51.2223, 51.9008



59.2744, 51.2223, 37.3346



53.7707, 51.2223, 29.2903

# Triad

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



59.2744, 51.2223, 37.3346



38.2481, 51.2223, 42.8400



50.0828, 51.2223, 98.6579

# Complementary

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



59.2744, 51.2223, 37.3346



59.5630, 71.9846, 100.3777

# 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.



43.9310, 51.2223, 94.7446



59.2744, 51.2223, 37.3346



37.4476, 51.2223, 59.8319

# Square

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



59.2744, 51.2223, 37.3346



41.7298, 51.2223, 31.9476



39.4389, 51.2223, 79.4575



56.3736, 51.2223, 89.2113



# Rectangle

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



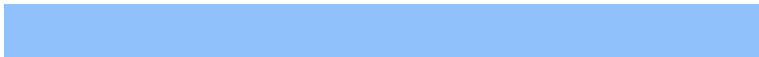
59.2744, 51.2223, 37.3346



49.4503, 51.2223, 27.4629



39.4389, 51.2223, 79.4575



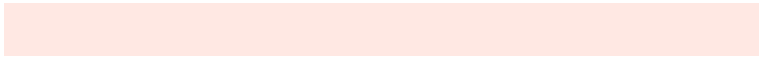
47.9282, 51.2223, 98.8865

# Sweetspot

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



59.2757, 51.2248, 37.3356



83.8637, 84.3342, 84.4949



65.3546, 49.1441, 83.2570



17.6777, 17.6676, 17.4957



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.



59.2757, 51.2248, 37.3356



57.9411, 47.3571, 30.0180



69.7987, 72.2708, 40.8433



17.4809, 17.6976, 17.9570



21.4228, 11.8023, 1.1490



2.0487, 1.2223, 0.1279



# Inverse Universe

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



59.5630, 71.9846, 100.3777



58.2580, 72.1504, 105.4636



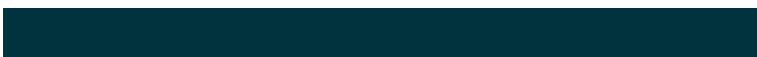
47.9145, 48.6876, 96.4948



17.5023, 19.0815, 22.1459



21.1942, 27.7439, 52.2116



2.0267, 2.6971, 4.8569



# Previews

## White Background



This preview shows how the XYZ color 59.2744, 51.2223, 37.3346 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 59.2744, 51.2223, 37.3346 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 59.2744, 51.2223, 37.3346**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.2744, 51.2223, 37.3346.



This preview shows how white text looks on a background with the XYZ color 59.2744, 51.2223,

37.3346.

# 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

59.2744, 51.2223, 37.3346

### Protanopia

48.4516, 51.2176, 42.4543

### Deuteranopia

52.2142, 51.0950, 36.8161



## Tritanopia

61.5566, 51.0363, 49.2544

# Trichromacy



## Original Color

59.2744, 51.2223, 37.3346

## Protanomaly

51.6884, 50.7457, 40.3283

## Deuteranomaly

54.6252, 51.1296, 37.1269

## Tritanomaly

60.4988, 50.8637, 44.6593

# Monochromacy



## Original Color

59.2744, 51.2223, 37.3346

## Achromatopsia

50.1023, 52.7115, 57.4028

## Achromatomaly

52.6169, 51.6415, 49.3141

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.2744, 51.2223, 37.3346 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(249, 170, 154)` looks like.

```
.text, #text, p{  
    color:rgb(249, 170, 154)  
}
```

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(249, 170, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 170, 154) }
```

## Border

The CSS property to change the border of an element to XYZ 59.2744, 51.2223, 37.3346 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(249, 170, 154) }
```



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

```
.border{ border-color:rgb(249, 170, 154) }
```

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

Here you see how a box with a 4 pixel rgb(249, 170, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 170, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 170, 154);  
box-shadow:4px 4px 4px 4px rgb(249, 170,  
154) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.2744, 51.2223, 37.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 170, 154) }
```

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

```
.background{ background-color: rgb(249,  
170, 154) }
```

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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