

# Converting Colors

XYZ(59.9448, 52.0123, 35.0000)

Have a look what the booklet for  
XYZ(59.9448, 52.0123, 35.0000)  
contains.

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# Color

**XYZ(59.6919, 51.7732,  
34.8641)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FBAB94
RGB	251, 171, 148
RGB Percent	98%, 67%, 58%
CMY	0.0157, 0.3294, 0.4196
CMYK	0.00, 0.32, 0.41, 0.02
HSL	13°, 93%, 78%
HSV	13°, 41%, 98%
XYZ	59.6919, 51.7732, 34.8641
YIQ	192.2980, 55.0630, 9.8070

# Conversions

## Conversions Part 2

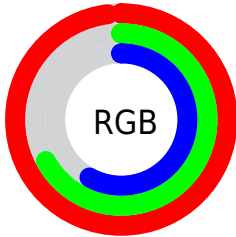
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 178, 148
Decimal	16493460
CIE Lab	77.15, 26.70, 23.77
CIE LCh	77, 35.743, 41.681
Yxy	51.7732, 0.4079, 0.3538
Android (android.graphics.Color)	4294683540 (0xFFFBAB94)
YUV	192.2980, -21.8389, 51.4817
Hunter-Lab	71.9536, 22.1628, 21.6394

# Details

The XYZ color **59.6919, 51.7732, 34.8641** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.3675, 68.7450, 101.5122**, and the grayscale version is **50.3794, 53.0031, 57.7204**.

A 20% lighter version of the original color is **79.3698, 80.4624, 67.2247**, and **30.3743, 25.0264, 14.5389** is the 20% darker color. If you saturate the color by 10%, you get **54.5020, 44.2355, 24.3723**, and if you desaturate by 10%, it is **65.8583, 60.5744, 47.8076**.

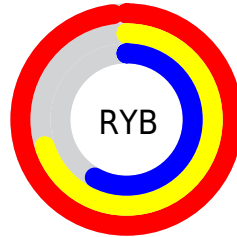
# Distribution



Red (98%)

Green (67%)

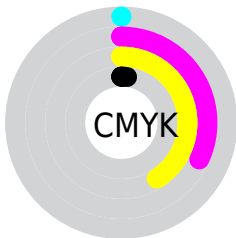
Blue (58%)



Red (98%)

Yellow (70%)

Blue (58%)

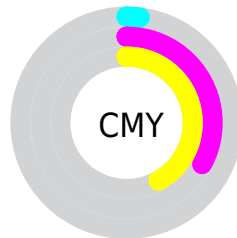


Cyan (0%)

Magenta (32%)

Yellow (41%)

Black (2%)



Cyan (2%)

Magenta (33%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6919, 51.7732, 34.8641 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 59.6919, 51.7732, 34.8641 by changing the saturation by 10% instead.





 59.6919, 51.7732,  
34.8641


 59.6919, 51.7732,  
34.8641


413.3142,  
393.5604, 338.8541

 43.4189, 36.8243,  
23.2755

 103.4915, 92.7967,  
68.4244

 30.4098, 25.0715,  
14.5899


 131.7487,  
119.6401, 91.2331

 20.2995, 16.1303,  
8.3886


164.7315,  
151.2171, 118.6190

 12.7225, 9.6164,  
4.2533

202.8050,  
187.9121, 151.0005

 7.3134, 5.1454,  
1.7653

246.3346,  
230.1096, 188.7962

 3.7069, 2.3328,  
0.4049

295.6858,

 1.5377, 0.7910,

278.1939, 232.4247

0.0000

351.2239,  
332.5493, 282.3045

■ 0.3513, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.6919, 51.7732,  
34.8641

■ 59.6919, 51.7732,  
34.8641

■ 54.5020, 44.2355,  
24.3723

■ 65.8583, 60.5744,  
47.8076

■ 50.2327, 37.8950,  
16.1731

■ 73.0451, 70.6861,  
63.3419

■ 46.8287, 32.6909,  
10.0934

■ 81.2981, 82.1623,  
81.5993

■ 44.2261, 28.5536,  
5.9338

■ 90.6593, 95.0516,  
102.7023

■ 42.3514, 25.4052,  
3.4562

■ 93.5936, 99.2492,  
108.8318

■ 41.2008, 23.3436,  
2.3342

# Harmonies

## Analogous

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



63.2343, 51.7732, 49.0899



59.6919, 51.7732, 34.8641



53.4565, 51.7732, 27.6579

# Triad

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



59.6919, 51.7732, 34.8641



37.7569, 51.7732, 45.3498



51.9180, 51.7732, 101.8507

# Complementary

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



59.6919, 51.7732, 34.8641



57.3675, 68.7450, 101.5122

# 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.



45.1924, 51.7732, 100.1863



59.6919, 51.7732, 34.8641



37.4277, 51.7732, 64.3413

# Square

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



59.6919, 51.7732, 34.8641



40.9764, 51.7732, 32.6743



40.0312, 51.7732, 85.2893



58.4762, 51.7732, 89.4161



# Rectangle

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



59.6919, 51.7732, 34.8641



48.8244, 51.7732, 26.4979



40.0312, 51.7732, 85.2893



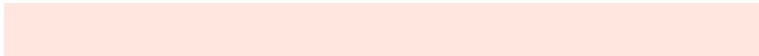
49.5954, 51.7732, 102.9871

# Sweetspot

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



59.6932, 51.7757, 34.8651



83.3905, 83.9468, 82.6140



64.4725, 47.3290, 79.6347



17.5989, 17.6216, 17.1259



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.



59.6932, 51.7757, 34.8651



57.4924, 47.3125, 27.2387



71.2018, 74.7928, 38.7013



17.5590, 17.8538, 17.9831



21.7451, 12.4469, 1.2564



2.0894, 1.3037, 0.1415



# Inverse Universe

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



57.3675, 68.7450, 101.5122



54.7578, 66.9582, 104.6459



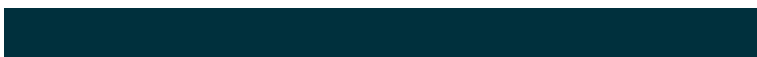
45.3842, 44.7782, 97.5178



17.4177, 18.9123, 22.1177



19.5171, 24.3898, 51.6526



1.8856, 2.4148, 4.8099



# Previews

## White Background



This preview shows how the XYZ color 59.6919, 51.7732, 34.8641 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 59.6919, 51.7732, 34.8641 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 59.6919, 51.7732, 34.8641

## Background



This preview shows how black text looks on a background with the XYZ color 59.6919, 51.7732, 34.8641.



This preview shows how white text looks on a background with the XYZ color 59.6919, 51.7732,



# 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

59.6919, 51.7732, 34.8641

### Protanopia

48.8564, 51.8178, 39.3251

### Deuteranopia

52.8623, 51.7896, 34.4044



## Tritanopia

62.8285, 51.9629, 49.3663

# Trichromacy



**Original Color**

59.6919, 51.7732, 34.8641

**Protanomaly**

52.2814, 51.4157, 37.7405

**Deuteranomaly**

55.3182, 51.8392, 34.6941

**Tritanomaly**

61.5785, 51.7151, 43.7823

# Monochromacy



**Original Color**

59.6919, 51.7732, 34.8641

**Achromatopsia**

50.1023, 52.7115, 57.4028

**Achromatomaly**

52.4175, 51.5617, 48.2640

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.6919, 51.7732, 34.8641 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(251, 171, 148)` looks like.

```
.text, #text, p{  
    color:rgb(251, 171, 148)  
}
```

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(251, 171, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 171, 148) }
```

## Border

The CSS property to change the border of an element to XYZ 59.6919, 51.7732, 34.8641 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(251, 171, 148) }
```



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

```
.border{ border-color:rgb(251, 171, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 171, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 171, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 171, 148);  
box-shadow:4px 4px 4px 4px rgb(251, 171,  
148) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.6919, 51.7732, 34.8641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 171, 148) }
```

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

```
.background{ background-color: rgb(251,  
171, 148) }
```

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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