

# Converting Colors

XYZ(60.2011, 53.5478, 36.2113)

Have a look what the booklet for  
XYZ(60.2011, 53.5478, 36.2113)  
contains.

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# Color

**XYZ(60.0973, 53.3924,  
35.9925)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9B096
RGB	249, 176, 150
RGB Percent	98%, 69%, 59%
CMY	0.0235, 0.3098, 0.4118
CMYK	0.00, 0.29, 0.40, 0.02
HSL	16°, 89%, 78%
HSV	16°, 40%, 98%
XYZ	60.0973, 53.3924, 35.9925
YIQ	194.8630, 51.8540, 7.3900

# Conversions

## Conversions Part 2

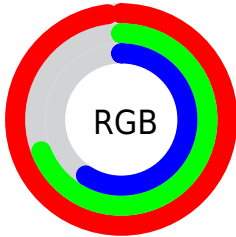
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 185, 150
Decimal	16363670
CIE Lab	78.11, 23.52, 23.97
CIE LCh	78, 33.579, 45.537
Yxy	53.3924, 0.4020, 0.3572
Android (android.graphics.Color)	4294553750 (0xFFFF9B096)
YUV	194.8630, -22.1175, 47.4781
Hunter-Lab	73.0701, 18.9366, 21.9443

# Details

The XYZ color **60.0973, 53.3924, 35.9925** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.0632, 66.0965, 99.4256**, and the grayscale version is **51.8973, 54.6000, 59.4594**.

A 20% lighter version of the original color is **80.9957, 83.3329, 68.9427**, and **30.5703, 26.0139, 15.2143** is the 20% darker color. If you saturate the color by 10%, you get **54.9418, 45.9565, 25.4108**, and if you desaturate by 10%, it is **66.1684, 61.9776, 48.9822**.

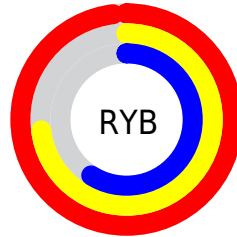
# Distribution



Red (98%)

Green (69%)

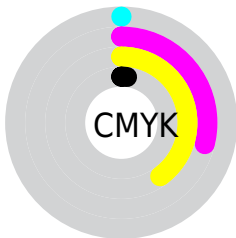
Blue (59%)



Red (98%)

Yellow (73%)

Blue (59%)

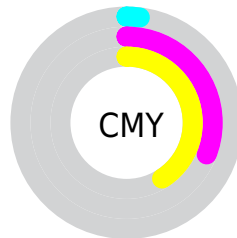


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (2%)



Cyan (2%)

Magenta (31%)


Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0973, 53.3924, 35.9925 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 60.0973, 53.3924, 35.9925 by changing the saturation by 10% instead.





 60.0973, 53.3924,  
35.9925


 60.0973, 53.3924,  
35.9925


414.7853,  
399.7888, 343.9642

 43.7468, 38.1161,  
24.1388


 104.0763, 95.1815,  
70.1894

 30.6686, 26.0728,  
15.2234

 132.4356,  
122.4632, 93.3696

 20.4972, 16.8781,  
8.8280

165.5285,  
154.5154, 121.1625

 12.8673, 10.1476,  
4.5339

203.7205,  
191.7225, 153.9864

 7.4136, 5.4970,  
1.9226

247.3768,  
234.4691, 192.2600

 3.7707, 2.5417,  
0.5070

296.8628,

 1.5733, 0.8974,

283.1394, 236.4018

0.0000

352.5438,  
338.1178, 286.8304

■ 0.3749, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.0973, 53.3924,  
35.9925

■ 60.0973, 53.3924,  
35.9925

■ 54.9418, 45.9565,  
25.4108

■ 66.1684, 61.9776,  
48.9822

■ 50.6513, 39.6125,  
17.0842

■ 73.1942, 71.7509,  
64.5136

■ 47.1760, 34.3093,  
10.8468

■ 81.2164, 82.7587,  
82.7144

■ 44.4589, 29.9885,  
6.5084

■ 90.2728, 95.0428,  
103.7025

■ 42.4345, 26.5854,  
3.8433

■ 92.8769, 98.8797,  
108.7983

■ 41.0097, 24.0201,  
2.4922

■ 40.9807, 23.9672,  
2.4662

# Harmonies

## Analogous

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



63.8844, 53.3924, 48.9931



60.0973, 53.3924, 35.9925



53.9610, 53.3924, 29.7212

# Triad

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



60.0973, 53.3924, 35.9925



39.4964, 53.3924, 49.5786



54.1991, 53.3924, 100.3047

# Complementary

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



60.0973, 53.3924, 35.9925



56.0632, 66.0965, 99.4256

# 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.



47.6649, 53.3924, 100.5568



60.0973, 53.3924, 35.9925



39.5482, 53.3924, 68.3493

# Square

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



60.0973, 53.3924, 35.9925



42.2741, 53.3924, 36.3412



42.4222, 53.3924, 87.8878



60.2845, 53.3924, 87.2590



# Rectangle

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



60.0973, 53.3924, 35.9925



49.5415, 53.3924, 29.1019



42.4222, 53.3924, 87.8878



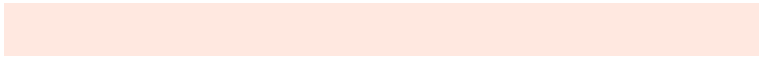
51.9737, 53.3924, 101.9689

# Sweetspot

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



60.0987, 53.3950, 35.9936



83.7289, 84.6237, 82.7268



63.4621, 47.3484, 76.4935



17.6781, 17.7799, 17.1523



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.



60.0987, 53.3950, 35.9936



58.8565, 49.7633, 28.5489



71.2951, 75.7878, 39.7257



17.6153, 17.9665, 18.0019



22.0341, 13.0249, 1.3527



2.1232, 1.3713, 0.1528

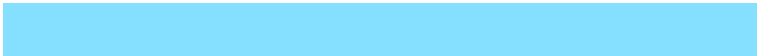


# Inverse Universe

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



56.0632, 66.0965, 99.4256



54.0069, 64.8682, 104.2821



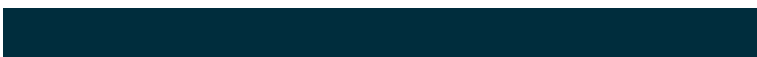
44.9584, 43.8869, 95.7240



17.3574, 18.7917, 22.0976



18.4046, 22.1647, 51.2817



1.7908, 2.2253, 4.7783



# Previews

## White Background



This preview shows how the XYZ color 60.0973, 53.3924, 35.9925 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

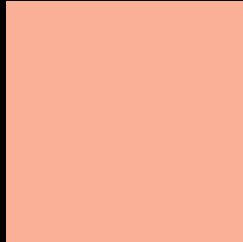
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.0973, 53.3924, 35.9925 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

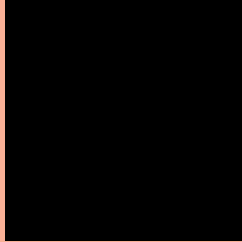
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.0973, 53.3924, 35.9925

## Background



This preview shows how black text looks on a background with the XYZ color 60.0973, 53.3924, 35.9925.



This preview shows how white text looks on a background with the XYZ color 60.0973, 53.3924,

35.9925.

# 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

60.0973, 53.3924, 35.9925

### Protanopia

50.4184, 53.5877, 40.0339

### Deuteranopia

54.5828, 53.5868, 35.4834



## Tritanopia

63.3595, 53.2820, 52.2924

# Trichromacy



## Original Color

60.0973, 53.3924, 35.9925

## Protanomaly

53.5055, 53.2794, 38.4742

## Deuteranomaly

56.4137, 53.2880, 35.7461

## Tritanomaly

62.1736, 53.3749, 46.0552

# Monochromacy



## Original Color

60.0973, 53.3924, 35.9925

## Achromatopsia

51.8711, 54.5724, 59.4294

## Achromatomaly

54.1442, 53.6682, 50.1531

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.0973, 53.3924, 35.9925 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, 176, 150)` looks like.

```
.text, #text, p{  
    color:rgb(249, 176, 150)  
}
```

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, 176, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 176, 150) }
```

## Border

The CSS property to change the border of an element to XYZ 60.0973, 53.3924, 35.9925 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, 176, 150) }
```



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

```
.border{ border-color:rgb(249, 176, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 176, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 176, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 176, 150);  
box-shadow:4px 4px 4px 4px rgb(249, 176,  
150) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.0973, 53.3924, 35.9925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 176, 150) }
```

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

```
.background{ background-color: rgb(249,  
176, 150) }
```

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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