

Converting Colors

XYZ(81.9080, 64.1419, 34.6271)

Have a look what the booklet for
XYZ(81.9080, 64.1419, 34.6271)
contains.

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Color

**XYZ(61.4101, 53.5457,
33.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAE90
RGB	255, 174, 144
RGB Percent	100%, 68%, 56%
CMY	0.0000, 0.3176, 0.4353
CMYK	0.00, 0.32, 0.44, 0.00
HSL	16°, 100%, 78%
HSV	16°, 44%, 100%
XYZ	61.4101, 53.5457, 33.4843
YIQ	194.7990, 57.9060, 7.8420

Conversions

Conversions Part 2

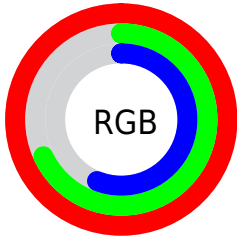
Format	Color
R _{YB}	255, 185, 144
Decimal	16756368
CIE _{Lab}	78.20, 26.23, 27.41
CIE _{LCh}	78, 37.942, 46.255
Yxy	53.5457, 0.4137, 0.3607
Android (android.graphics.Color)	4294946448 (0xFFFFAE90)
YUV	194.7990, -25.0439, 52.7963
Hunter-Lab	73.1749, 21.7452, 24.0918

Details

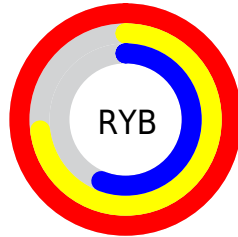
The XYZ color **61.4101, 53.5457, 33.4843** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.4757, 66.9970, 104.5627**, and the grayscale version is **51.8735, 54.5750, 59.4322**.

A 20% lighter version of the original color is **79.7299, 81.9308, 65.0381**, and **31.5781, 26.2008, 13.7488** is the 20% darker color. If you saturate the color by 10%, you get **56.3279, 46.1559, 23.2364**, and if you desaturate by 10%, it is **67.4332, 62.1127, 46.2183**.

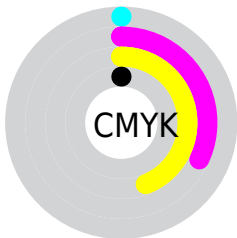
Distribution



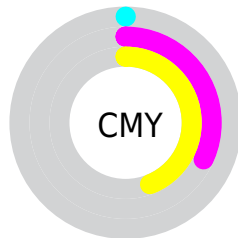
- Red (100%)
- Green (68%)
- Blue (56%)



- Red (100%)
- Yellow (73%)
- Blue (56%)



- Cyan (0%)
- Magenta (32%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4101, 53.5457, 33.4843 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 61.4101, 53.5457, 33.4843 by changing the saturation by 10% instead.


 61.4101, 53.5457,
33.4843

 61.4101, 53.5457,
33.4843


419.5280,
400.3752, 332.5251

 44.8100, 38.2386,
22.2236


 105.9673, 95.4069,
66.2556

 31.5084, 26.1679,
13.8214


 134.6550,
122.7297, 88.6033

 21.1400, 16.9493,
7.8592


168.1028,
154.8266, 115.4836

 13.3395, 10.1983,
3.9185

206.6758,
192.0819, 147.3152

 7.7413, 5.5307,
1.5807

250.7395,
234.8800, 184.5167

 3.9803, 2.5619,
0.2770

300.6592,

 1.6910, 0.9075,

283.6054, 227.5064

0.0000

356.8002,
338.6423, 276.7030

■ 0.4506, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4101, 53.5457,
33.4843

■ 61.4101, 53.5457,
33.4843

■ 56.3279, 46.1559,
23.2364

■ 67.4332, 62.1127,
46.2183

■ 52.1321, 39.8828,
15.3068

■ 74.4395, 71.8983,
61.5851

■ 48.7686, 34.6720,
9.5114

■ 82.4735, 82.9514,
79.7234

■ 46.1748, 30.4610,
5.6365

■ 91.5757, 95.3159,
100.7613

■ 44.2776, 27.1797, 95.0499, 100.0000,
3.4226 108.9000

■ 43.3639, 25.5078,
2.6380

Harmonies

Analogous

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



65.8565, 53.5457, 47.5958



61.4101, 53.5457, 33.4843



54.3593, 53.5457, 26.9364

Triad

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



61.4101, 53.5457, 33.4843



38.2544, 53.5457, 49.1226



54.9928, 53.5457, 106.9863

Complementary

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



61.4101, 53.5457, 33.4843



56.4757, 66.9970, 104.5627

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.



47.5784, 53.5457, 107.6824



61.4101, 53.5457, 33.4843



38.3883, 53.5457, 70.5045

Square

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



61.4101, 53.5457, 33.4843



41.2663, 53.5457, 34.3668



41.6519, 53.5457, 93.0844



61.9125, 53.5457, 91.3655

Rectangle

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



61.4101, 53.5457, 33.4843



49.3547, 53.5457, 26.3863



41.6519, 53.5457, 93.0844



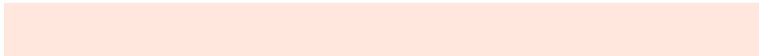
52.4641, 53.5457, 109.0836

Sweetspot

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



61.4114, 53.5483, 33.4853



82.9278, 83.5720, 80.7621



64.8587, 46.6651, 77.1097



17.3484, 17.3386, 16.3698



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.



61.4114, 53.5483, 33.4853



57.0463, 47.2123, 24.6488



74.3212, 79.3678, 37.7886



18.4088, 18.7858, 18.8001



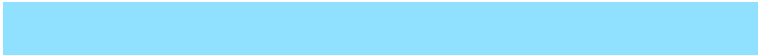
22.7634, 13.5380, 1.4133



2.3022, 1.4898, 0.1662

Inverse Universe

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



56.4757, 66.9970, 104.5627



51.5049, 62.1311, 103.8856



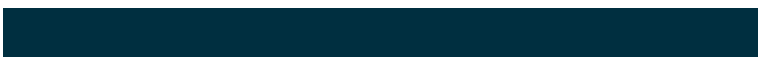
43.9081, 41.8619, 100.3735



18.1152, 19.6020, 23.0787



18.7442, 22.3979, 52.7699



1.9156, 2.3620, 5.1682

Previews

White Background



This preview shows how the XYZ color 61.4101, 53.5457, 33.4843 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 61.4101, 53.5457, 33.4843 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 61.4101, 53.5457, 33.4843

Background



This preview shows how black text looks on a background with the XYZ color 61.4101, 53.5457, 33.4843.



This preview shows how white text looks on a background with the XYZ color 61.4101, 53.5457,

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

61.4101, 53.5457, 33.4843

Protanopia

50.2733, 53.5616, 37.8257

Deuteranopia

54.7545, 53.7288, 33.0760



Tritanopia

64.0582, 53.3868, 51.1844

Trichromacy



Original Color

61.4101, 53.5457, 33.4843

Protanomaly

53.8044, 53.1671, 36.2806

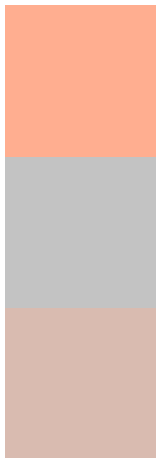
Deuteranomaly

56.9458, 53.6162, 33.3342

Tritanomaly

62.8708, 53.2130, 44.0033

Monochromacy



Original Color

61.4101, 53.5457, 33.4843

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.2221, 53.4270, 48.5289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4101, 53.5457, 33.4843 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(255, 174, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 144)  
}
```

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(255, 174, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 144) }
```

Border

The CSS property to change the border of an element to XYZ 61.4101, 53.5457, 33.4843 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(255, 174, 144) }
```


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

```
.border{ border-color:rgb(255, 174, 144) }
```

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

Here you see how a box with a 4 pixel rgb(255, 174, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4101, 53.5457, 33.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 144) }
```

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

```
.background{ background-color: rgb(255,  
174, 144) }
```

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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