

Converting Colors

XYZ(61.4726, 53.8025, 33.0989)

Have a look what the booklet for
XYZ(61.4726, 53.8025, 33.0989)
contains.

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Color

**XYZ(61.5279, 53.9031,
33.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF8F
RGB	255, 175, 143
RGB Percent	100%, 69%, 56%
CMY	0.0000, 0.3137, 0.4392
CMYK	0.00, 0.31, 0.44, 0.00
HSL	17°, 100%, 78%
HSV	17°, 44%, 100%
XYZ	61.5279, 53.9031, 33.1481
YIQ	195.2720, 57.9520, 7.0080

Conversions

Conversions Part 2

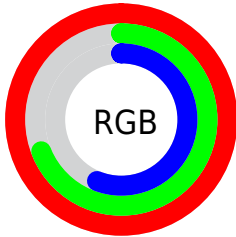
Format	Color
R_{YB}	255, 188, 143
Decimal	16756623
CIE _{Lab}	78.41, 25.61, 28.22
CIE _{LCh}	78, 38.111, 47.781
Yxy	53.9031, 0.4141, 0.3628
Android (android.graphics.Color)	4294946703 (0xFFFFAF8F)
YUV	195.2720, -25.7701, 52.3815
Hunter-Lab	73.4187, 21.1075, 24.6240

Details

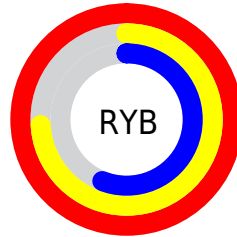
The XYZ color **61.5279, 53.9031, 33.1481** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.7642, 65.8323, 104.3754**, and the grayscale version is **52.1599, 54.8763, 59.7602**.

A 20% lighter version of the original color is **79.8940, 82.4430, 64.5256**, and **31.6563, 26.4275, 13.5578** is the 20% darker color. If you saturate the color by 10%, you get **56.5025, 46.6003, 23.0014**, and if you desaturate by 10%, it is **67.4732, 62.3430, 45.7684**.

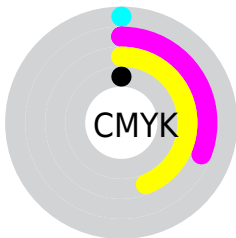
Distribution



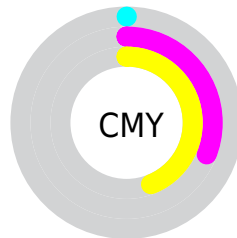
- Red (100%)
- Green (69%)
- Blue (56%)



- Red (100%)
- Yellow (74%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5279, 53.9031, 33.1481 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 61.5279, 53.9031, 33.1481 by changing the saturation by 10% instead.


 61.5279, 53.9031,
33.1481

 61.5279, 53.9031,
33.1481


419.9520,
401.7404, 330.9690

 44.9055, 38.5242,
21.9679


 106.1367, 95.9320,
65.7254

 31.5840, 26.3898,
13.6352


 134.8538,
123.3507, 87.9595

 21.1979, 17.1155,
7.7315

168.3332,
155.5515, 114.7153

 13.3820, 10.3169,
3.8384

206.9403,
192.9188, 146.4114

 7.7710, 5.6095,
1.5371

251.0403,
235.8369, 183.4662

 3.9993, 2.6091,
0.2453

300.9987,

 1.7017, 0.9313,

284.6903, 226.2984

0.0000

357.1808,
339.8633, 275.3265

0.4574, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

61.5279, 53.9031,
33.1481

61.5279, 53.9031,
33.1481

56.5025, 46.6003,
23.0014

67.4732, 62.3430,
45.7684

52.3438, 40.3767,
15.1603

74.3796, 71.9589,
61.0091

48.9989, 35.1808,
9.4402

82.2906, 82.7975,
79.0089

46.4068, 30.9533,
5.6266

91.2456, 94.9006,
99.8959

■ 44.4956, 27.6275, 95.0499, 100.0000,
3.4584 108.9000

■ 43.6139, 26.0080,
2.7213

Harmonies

Analogous

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



66.1996, 53.9031, 46.9806



61.5279, 53.9031, 33.1481



54.3409, 53.9031, 26.9160

Triad

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



61.5279, 53.9031, 33.1481



38.4128, 53.9031, 50.3908



55.7561, 53.9031, 107.3517

Complementary

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



61.5279, 53.9031, 33.1481



55.7642, 65.8323, 104.3754

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.



48.2465, 53.9031, 108.9075



61.5279, 53.9031, 33.1481



38.7119, 53.9031, 72.2024

Square

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



61.5279, 53.9031, 33.1481



41.2949, 53.9031, 35.1185



42.1562, 53.9031, 94.8229



62.6505, 53.9031, 90.9816

Rectangle

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



61.5279, 53.9031, 33.1481



49.3091, 53.9031, 26.5876



42.1562, 53.9031, 94.8229



53.2069, 53.9031, 109.7469

Sweetspot

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



61.5293, 53.9057, 33.1491



83.0711, 83.8587, 80.8099



64.4180, 46.2475, 75.5324



17.3834, 17.4087, 16.3815



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.



61.5293, 53.9057, 33.1491



56.9284, 47.2272, 23.8369



74.6994, 80.2460, 37.5392



18.4321, 18.8323, 18.8079



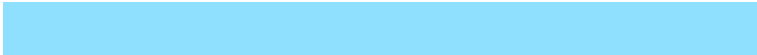
22.8985, 13.8083, 1.4584



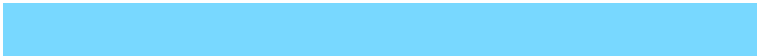
2.3180, 1.5213, 0.1715

Inverse Universe

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



55.7642, 65.8323, 104.3754



50.4280, 60.5085, 103.6292



43.2458, 40.7955, 100.2026



18.0905, 19.5527, 23.0705



18.3201, 21.5497, 52.6285



1.8771, 2.2850, 5.1554

Previews

White Background



This preview shows how the XYZ color 61.5279, 53.9031, 33.1481 looks on a white background.

Color Contrast Check

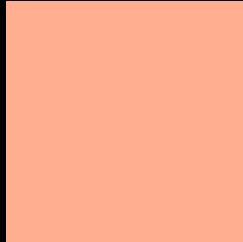
Large Text (above 18pt) WCAG AA × Fail

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 61.5279, 53.9031, 33.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

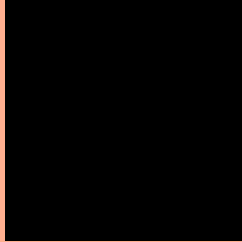
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5279, 53.9031, 33.1481

Background



This preview shows how black text looks on a background with the XYZ color 61.5279, 53.9031, 33.1481.



This preview shows how white text looks on a background with the XYZ color 61.5279, 53.9031,

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

61.5279, 53.9031, 33.1481

Protanopia

50.6914, 54.1160, 37.4795

Deuteranopia

54.9998, 53.8639, 32.6973



Tritanopia

64.3502, 53.8047, 51.7935

Trichromacy



Original Color

61.5279, 53.9031, 33.1481

Protanomaly

53.9356, 53.5579, 35.9288

Deuteranomaly

57.2070, 53.7596, 32.9527

Tritanomaly

63.0604, 53.5922, 44.0665

Monochromacy



Original Color

61.5279, 53.9031, 33.1481

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.4350, 53.8527, 48.5999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5279, 53.9031, 33.1481 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, 175, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 143)  
}
```

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, 175, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 143) }
```

Border

The CSS property to change the border of an element to XYZ 61.5279, 53.9031, 33.1481 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, 175, 143) }
```


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

```
.border{ border-color:rgb(255, 175, 143) }
```

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

Here you see how a box with a 4 pixel rgb(255, 175, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5279, 53.9031, 33.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 143) }
```

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

```
.background{ background-color: rgb(255,  
175, 143) }
```

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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