

Converting Colors

XYZ(61.0795, 53.0306, 32.9239)

Have a look what the booklet for
XYZ(61.0795, 53.0306, 32.9239)
contains.

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Color

**XYZ(61.1415, 53.1303,
33.0193)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD8F
RGB	255, 173, 143
RGB Percent	100%, 68%, 56%
CMY	0.0000, 0.3215, 0.4392
CMYK	0.00, 0.32, 0.44, 0.00
HSL	16°, 100%, 78%
HSV	16°, 44%, 100%
XYZ	61.1415, 53.1303, 33.0193
YIQ	194.0980, 58.5020, 8.0540

Conversions

Conversions Part 2

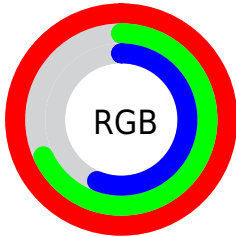
Format	Color
R _Y B	255, 184, 143
Decimal	16756111
CIE Lab	77.95, 26.66, 27.62
CIE LCh	78, 38.383, 46.014
Yxy	53.1303, 0.4151, 0.3607
Android (android.graphics.Color)	4294946191 (0xFFFFAD8F)
YUV	194.0980, -25.1913, 53.4111
Hunter-Lab	72.8905, 22.1696, 24.1651

Details

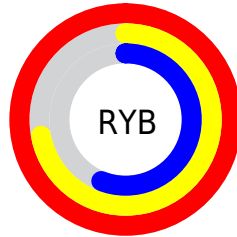
The XYZ color **61.1415, 53.1303, 33.0193** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.3017, 66.9073, 104.5546**, and the grayscale version is **51.4576, 54.1374, 58.9556**.

A 20% lighter version of the original color is **79.3374, 81.3298, 64.3400**, and **31.4132, 25.9414, 13.4768** is the 20% darker color. If you saturate the color by 10%, you get **56.0919, 45.7792, 22.8646**, and if you desaturate by 10%, it is **67.1330, 61.6626, 45.6550**.

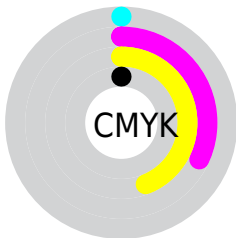
Distribution



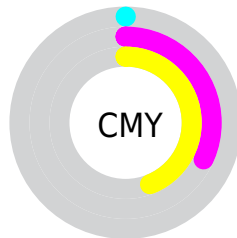
- Red (100%)
- Green (68%)
- Blue (56%)



- Red (100%)
- Yellow (72%)
- 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 61.1415, 53.1303, 33.0193 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 61.1415, 53.1303, 33.0193 by changing the saturation by 10% instead.


 61.1415, 53.1303,
33.0193


 61.1415, 53.1303,
33.0193


418.5603,
398.7848, 330.3714

 44.5923, 37.9068,
21.8700


 105.5807, 94.7961,
65.5220

 31.3364, 25.9104,
13.5640


 134.2015,
122.0071, 87.7125

 21.0082, 16.7566,
7.6828


167.5769,
153.9828, 114.4205

 13.2425, 10.0611,
3.8078

206.0723,
191.1076, 146.0645

 7.6739, 5.4395,
1.5205

250.0529,
233.7658, 183.0630

 3.9370, 2.5074,
0.2331

299.8842,

 1.6666, 0.8803,

282.3418, 225.8346

0.0000

355.9316,
337.2200, 274.7979

0.4352, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

61.1415, 53.1303,
33.0193

61.1415, 53.1303,
33.0193

56.0919, 45.7792,
22.8646

67.1330, 61.6626,
45.6550

51.9295, 39.5482,
15.0222

74.1092, 71.4180,
60.9189

48.5996, 34.3822,
9.3071

82.1148, 82.4460,
78.9503

46.0391, 30.2179,
5.5041

91.1907, 94.7909,
99.8776

■ 44.1740, 26.9843, 95.0499, 100.0000,
3.3512 108.9000

■ 43.3262, 25.4326,
2.6254

Harmonies

Analogous

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



65.5960, 53.1303, 47.2305



61.1415, 53.1303, 33.0193



54.0491, 53.1303, 26.4179

Triad

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



61.1415, 53.1303, 33.0193



37.8077, 53.1303, 48.4696



54.5645, 53.1303, 107.0628

Complementary

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



61.1415, 53.1303, 33.0193



56.3017, 66.9073, 104.5546

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.



47.1074, 53.1303, 107.6318



61.1415, 53.1303, 33.0193



37.9163, 53.1303, 69.9525

Square

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



61.1415, 53.1303, 33.0193



40.8559, 53.1303, 33.7327



41.1688, 53.1303, 92.7695



61.5507, 53.1303, 91.3662

Rectangle

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



61.1415, 53.1303, 33.0193



49.0092, 53.1303, 25.8335



41.1688, 53.1303, 92.7695



52.0182, 53.1303, 109.1405

Sweetspot

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



61.1428, 53.1329, 33.0203



82.9054, 83.5273, 80.7547



64.6715, 46.3489, 76.8674



17.3429, 17.3276, 16.3680



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.



61.1428, 53.1329, 33.0203



56.5192, 46.4087, 23.7005



74.1805, 79.2082, 37.3662



18.4052, 18.7785, 18.7989



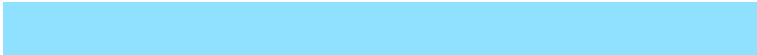
22.7430, 13.4972, 1.4065



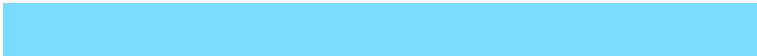
2.2998, 1.4850, 0.1654

Inverse Universe

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



56.3017, 66.9073, 104.5546



51.0523, 61.7571, 103.8373



43.5909, 41.4858, 100.3176



18.1190, 19.6097, 23.0800



18.8115, 22.5325, 52.7923



1.9217, 2.3741, 5.1702

Previews

White Background



This preview shows how the XYZ color 61.1415, 53.1303, 33.0193 looks on a white background.

Color Contrast Check

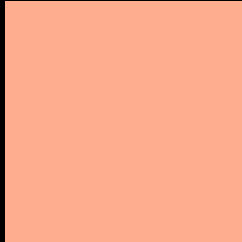
Large Text (above 18pt) WCAG AA × Fail

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 61.1415, 53.1303, 33.0193 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 61.1415, 53.1303, 33.0193

Background



This preview shows how black text looks on a background with the XYZ color 61.1415, 53.1303, 33.0193.



This preview shows how white text looks on a background with the XYZ color 61.1415, 53.1303,

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

61.1415, 53.1303, 33.0193

Protanopia

50.1911, 53.5287, 37.3925

Deuteranopia

54.4698, 53.2790, 32.6123



Tritanopia

63.7685, 52.9721, 50.5797

Trichromacy



Original Color

61.1415, 53.1303, 33.0193

Protanomaly

53.7242, 53.1350, 35.8583

Deuteranomaly

56.6663, 53.1779, 32.8689

Tritanomaly

62.5898, 52.7995, 43.4517

Monochromacy



Original Color

61.1415, 53.1303, 33.0193

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.6157, 52.8119, 47.9253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1415, 53.1303, 33.0193 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, 173, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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, 173, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 143) }
```

Border

The CSS property to change the border of an element to XYZ 61.1415, 53.1303, 33.0193 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, 173, 143) }
```


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

```
.border{ border-color:rgb(255, 173, 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, 173, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1415, 53.1303, 33.0193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 143) }
```

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

```
.background{ background-color: rgb(255,  
173, 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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