

Converting Colors

XYZ(62.0125, 53.6054, 37.2167)

Have a look what the booklet for
XYZ(62.0125, 53.6054, 37.2167)
contains.

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Color

**XYZ(61.9333, 53.4470,
37.1891)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD99
RGB	255, 173, 153
RGB Percent	100%, 68%, 60%
CMY	0.0000, 0.3215, 0.4000
CMYK	0.00, 0.32, 0.40, 0.00
HSL	12°, 100%, 80%
HSV	12°, 40%, 100%
XYZ	61.9333, 53.4470, 37.1891
YIQ	195.2380, 55.2920, 11.1640

Conversions

Conversions Part 2

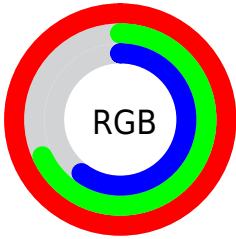
Format	Color
R _Y B	255, 178, 153
Decimal	16756121
CIE Lab	78.14, 27.71, 22.50
CIE LCh	78, 35.696, 39.083
Yxy	53.4470, 0.4059, 0.3503
Android (android.graphics.Color)	4294946201 (0xFFFFAD99)
YUV	195.2380, -20.8233, 52.4113
Hunter-Lab	73.1075, 23.2790, 21.0149

Details

The XYZ color **61.9333, 53.4470, 37.1891** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.8939, 73.4061, 105.5669**, and the grayscale version is **52.1121, 54.8259, 59.7055**.

A 20% lighter version of the original color is **80.5218, 81.8036, 70.5772**, and **31.8797, 26.1280, 15.9333** is the 20% darker color. If you saturate the color by 10%, you get **56.4143, 45.4271, 26.0454**, and if you desaturate by 10%, it is **68.5081, 62.8582, 50.9060**.

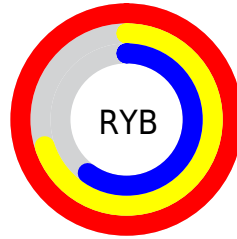
Distribution



Red (100%)

Green (68%)

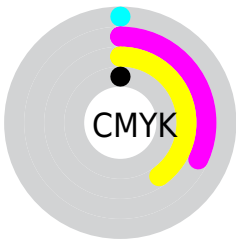
Blue (60%)



Red (100%)

Yellow (70%)

Blue (60%)

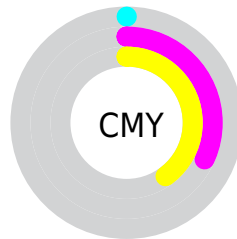


Cyan (0%)

Magenta (32%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9333, 53.4470, 37.1891 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 61.9333, 53.4470, 37.1891 by changing the saturation by 10% instead.


 61.9333, 53.4470,
37.1891


 61.9333, 53.4470,
37.1891


421.4092,
399.9977, 349.3218

 45.2342, 38.1597,
25.0570


 106.7196, 95.2618,
72.0531

 31.8440, 26.1067,
15.9001


 135.5375,
122.5581, 95.6221

 21.3973, 16.9035,
9.2999


169.1258,
154.6262, 123.8404

 13.5289, 10.1657,
4.8378

207.8497,
191.8506, 157.1267

 7.8732, 5.5090,
2.0954

252.0746,
234.6155, 195.8995

 4.0651, 2.5489,
0.6130

302.1659,

 1.7390, 0.9010,

283.3054, 240.5772

0.0000

358.4890,
338.3047, 291.5785

■ 0.4805, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9333, 53.4470,
37.1891

■ 61.9333, 53.4470,
37.1891

■ 56.4143, 45.4271,
26.0454

■ 68.5081, 62.8582,
50.9060

■ 51.8908, 38.7244,
17.3104

■ 76.1867, 73.7148,
67.3406

■ 48.3023, 33.2694,
10.8051

■ 85.0190, 86.0773,
86.6300

■ 45.5796, 28.9832,
6.3242

95.0499, 100.0000,
108.9000

■ 43.6433, 25.7772,
3.6236

■ 42.3812, 23.5424,
2.3105

■ 42.3811, 23.5423,
2.3104

Harmonies

Analogous

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



65.2217, 53.4470, 52.3410



61.9333, 53.4470, 37.1891



55.7380, 53.4470, 29.1925

Triad

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



61.9333, 53.4470, 37.1891



39.2774, 53.4470, 45.5351



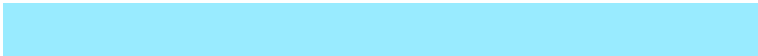
52.9459, 53.4470, 104.9392

Complementary

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



61.9333, 53.4470, 37.1891



60.8939, 73.4061, 105.5669

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.



46.1622, 53.4470, 101.9332



61.9333, 53.4470, 37.1891



38.6778, 53.4470, 64.4693

Square

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



61.9333, 53.4470, 37.1891



42.8075, 53.4470, 33.1891



41.0875, 53.4470, 85.9131



59.7296, 53.4470, 93.3763

Rectangle

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



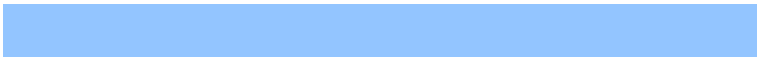
61.9333, 53.4470, 37.1891



51.0145, 53.4470, 27.6270



41.0875, 53.4470, 85.9131



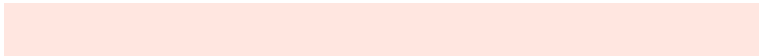
50.5856, 53.4470, 105.6469

Sweetspot

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



61.9347, 53.4496, 37.1901



83.1576, 83.4810, 82.5363



67.8154, 50.1165, 85.6849



17.5445, 17.5127, 17.1077



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.



61.9347, 53.4496, 37.1901



57.4365, 46.9234, 28.0756



73.2975, 76.1753, 40.9778



18.2977, 18.5636, 18.7631



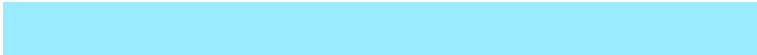
22.2263, 12.4639, 1.2343



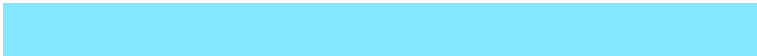
2.2358, 1.3569, 0.1441

Inverse Universe

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



60.8939, 73.4061, 105.5669



56.2339, 69.3222, 105.0244



48.5991, 48.8164, 101.4687



18.2344, 19.8403, 23.1185



20.9442, 26.7980, 53.5032



2.1129, 2.7566, 5.2340

Previews

White Background



This preview shows how the XYZ color 61.9333, 53.4470, 37.1891 looks on a white background.

Color Contrast Check

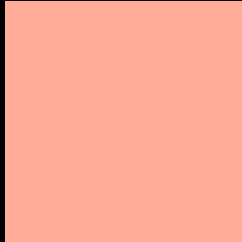
Large Text (above 18pt) WCAG AA × Fail

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 61.9333, 53.4470, 37.1891 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 61.9333, 53.4470, 37.1891

Background



This preview shows how black text looks on a background with the XYZ color 61.9333, 53.4470, 37.1891.



This preview shows how white text looks on a background with the XYZ color 61.9333, 53.4470,

37.1891.

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

61.9333, 53.4470, 37.1891

Protanopia

50.5827, 53.6216, 42.3344

Deuteranopia

54.8234, 53.6831, 36.7505



Tritanopia

64.0582, 53.3868, 51.1844

Trichromacy



Original Color

61.9333, 53.4470, 37.1891

Protanomaly

54.2483, 53.3090, 40.2314

Deuteranomaly

57.1164, 53.3193, 36.9871

Tritanomaly

63.1536, 53.3261, 45.4925

Monochromacy



Original Color

61.9333, 53.4470, 37.1891

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.6238, 53.5876, 50.6445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9333, 53.4470, 37.1891 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 153) }
```

Border

The CSS property to change the border of an element to XYZ 61.9333, 53.4470, 37.1891 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, 153) }
```


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

```
.border{ border-color:rgb(255, 173, 153) }
```

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, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9333, 53.4470, 37.1891 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
173, 153) }
```

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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