

Converting Colors

XYZ(66.5553, 55.9762, 35.9243)

Have a look what the booklet for
XYZ(66.5553, 55.9762, 35.9243)
contains.

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Color

**XYZ(61.6084, 53.3171,
35.4779)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD95
RGB	255, 173, 149
RGB Percent	100%, 68%, 58%
CMY	0.0000, 0.3215, 0.4157
CMYK	0.00, 0.32, 0.42, 0.00
HSL	14°, 100%, 79%
HSV	14°, 42%, 100%
XYZ	61.6084, 53.3171, 35.4779
YIQ	194.7820, 56.5760, 9.9200

Conversions

Conversions Part 2

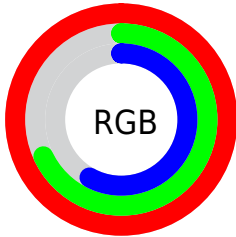
Format	Color
R _Y B	255, 180, 149
Decimal	16756117
CIE Lab	78.06, 27.28, 24.55
CIE LCh	78, 36.699, 41.988
Yxy	53.3171, 0.4096, 0.3545
Android (android.graphics.Color)	4294946197 (0xFFFFAD95)
YUV	194.7820, -22.5705, 52.8112
Hunter-Lab	73.0186, 22.8244, 22.3055

Details

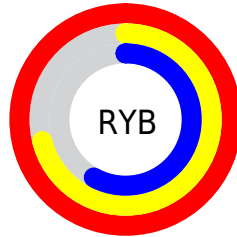
The XYZ color **61.6084, 53.3171, 35.4779** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.0190, 70.7584, 105.1547**, and the grayscale version is **51.8498, 54.5500, 59.4049**.

A 20% lighter version of the original color is **80.0388, 81.6104, 68.0338**, and **31.6860, 26.0505, 14.9135** is the 20% darker color. If you saturate the color by 10%, you get **56.2840, 45.5774, 24.7348**, and if you desaturate by 10%, it is **67.9397, 62.3570, 48.7565**.

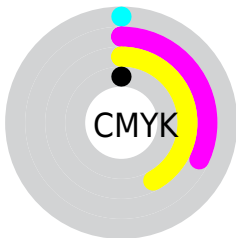
Distribution



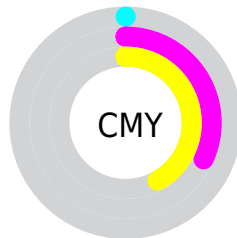
- Red (100%)
- Green (68%)
- Blue (58%)



- Red (100%)
- Yellow (71%)
- Blue (58%)



- Cyan (0%)
- Magenta (32%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6084, 53.3171, 35.4779 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 61.6084, 53.3171, 35.4779 by changing the saturation by 10% instead.


 61.6084, 53.3171,
35.4779

 61.6084, 53.3171,
35.4779


420.2416,
399.5005, 341.6409

 44.9708, 38.0560,
23.7447


 106.2525, 95.0708,
69.3854

 31.6356, 26.0261,
14.9339


 134.9897,
122.3322, 92.3968

 21.2375, 16.8432,
8.6269


168.4907,
154.3624, 120.0048

 13.4112, 10.1228,
4.4052

207.1210,
191.5459, 152.6277

 7.7912, 5.4804,
1.8502

251.2458,
234.2671, 190.6843

 4.0123, 2.5318,
0.4607

301.2307,

 1.7091, 0.8925,

282.9103, 234.5930

0.0000

357.4408,
337.8600, 284.7723

■ 0.4620, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6084, 53.3171,
35.4779

■ 61.6084, 53.3171,
35.4779

■ 56.2840, 45.5774,
24.7348

■ 67.9397, 62.3570,
48.7565

■ 51.9086, 39.0698,
16.3610

■ 75.3233, 72.7459,
64.7159

■ 48.4244, 33.7311,
10.1755

■ 83.8069, 84.5393,
83.4940

■ 45.7653, 29.4896,
5.9695

■ 93.4339, 97.7875,
105.2183

■ 43.8543, 26.2647, 95.0499, 100.0000,
3.4923 108.9000

■ 42.7404, 24.2609,
2.4302

Harmonies

Analogous

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



65.3645, 53.3171, 50.2458



61.6084, 53.3171, 35.4779



55.0516, 53.3171, 28.0606

Triad

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



61.6084, 53.3171, 35.4779



38.6836, 53.3171, 46.6997



53.5888, 53.3171, 105.7683

Complementary

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



61.6084, 53.3171, 35.4779



59.0190, 70.7584, 105.1547

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.



46.5392, 53.3171, 104.1775



61.6084, 53.3171, 35.4779



38.3719, 53.3171, 66.6302

Square

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



61.6084, 53.3171, 35.4779



42.0165, 53.3171, 33.4106



41.1206, 53.3171, 88.6113



60.4510, 53.3171, 92.5503

Rectangle

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



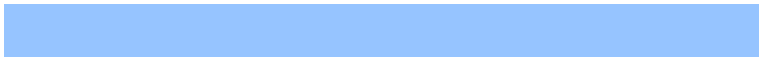
61.6084, 53.3171, 35.4779



50.2004, 53.3171, 26.9020



41.1206, 53.3171, 88.6113



51.1553, 53.3171, 107.0200

Sweetspot

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



61.6098, 53.3197, 35.4789



83.4172, 84.0003, 82.6229



66.5579, 48.5834, 82.2385



17.6052, 17.6341, 17.1280



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.



61.6098, 53.3197, 35.4789



57.0549, 46.7083, 26.2584



73.5812, 77.2625, 39.4694



18.3430, 18.6542, 18.7782



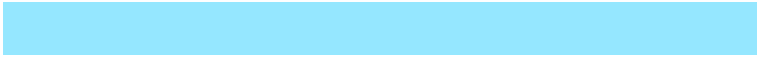
22.4241, 12.8594, 1.3002



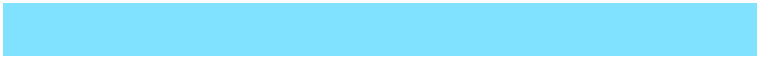
2.2611, 1.4076, 0.1525

Inverse Universe

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



59.0190, 70.7584, 105.1547



54.1075, 66.2313, 104.5399



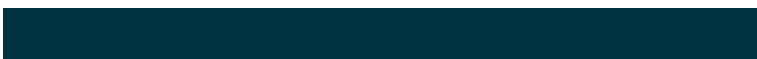
46.5717, 45.8637, 101.0056



18.1855, 19.7426, 23.1022



20.0117, 24.9329, 53.1924



2.0297, 2.5902, 5.2062

Previews

White Background



This preview shows how the XYZ color 61.6084, 53.3171, 35.4779 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 61.6084, 53.3171, 35.4779 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 61.6084, 53.3171, 35.4779

Background



This preview shows how black text looks on a background with the XYZ color 61.6084, 53.3171, 35.4779.



This preview shows how white text looks on a background with the XYZ color 61.6084, 53.3171,

35.4779.

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

61.6084, 53.3171, 35.4779

Protanopia

50.4184, 53.5877, 40.0339

Deuteranopia

54.8203, 53.7184, 35.0831



Tritanopia

64.0582, 53.3868, 51.1844

Trichromacy



Original Color

61.6084, 53.3171, 35.4779

Protanomaly

53.9067, 53.1723, 38.4324

Deuteranomaly

57.1291, 53.3630, 35.3060

Tritanomaly

63.0586, 53.2881, 44.9923

Monochromacy



Original Color

61.6084, 53.3171, 35.4779

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.4215, 53.5067, 49.5790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6084, 53.3171, 35.4779 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 149) }
```

Border

The CSS property to change the border of an element to XYZ 61.6084, 53.3171, 35.4779 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, 149) }
```


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

```
.border{ border-color:rgb(255, 173, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6084, 53.3171, 35.4779 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, 149) }
```

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

```
.background{ background-color: rgb(255,  
173, 149) }
```

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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