

Converting Colors

XYZ(103.9165, 75.5039,
37.9866)

Have a look what the booklet for
XYZ(103.9165, 75.5039, 37.9866)
contains.

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Color

**XYZ(61.8811, 53.7341,
35.9644)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAE96
RGB	255, 174, 150
RGB Percent	100%, 68%, 59%
CMY	0.0000, 0.3176, 0.4118
CMYK	0.00, 0.32, 0.41, 0.00
HSL	14°, 100%, 79%
HSV	14°, 41%, 100%
XYZ	61.8811, 53.7341, 35.9644
YIQ	195.4830, 55.9800, 9.7080

Conversions

Conversions Part 2

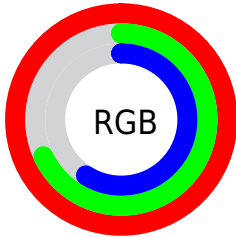
Format	Color
R_{YB}	255, 181, 150
Decimal	16756374
CIE _{Lab}	78.31, 26.86, 24.35
CIE _{LCh}	78, 36.253, 42.189
Yxy	53.7341, 0.4082, 0.3545
Android (android.graphics.Color)	4294946454 (0xFFFFAE96)
YUV	195.4830, -22.4231, 52.1964
Hunter-Lab	73.3035, 22.4042, 22.2235

Details

The XYZ color **61.8811, 53.7341, 35.9644** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.2024, 70.8531, 105.1634**, and the grayscale version is **52.2675, 54.9895, 59.8835**.

A 20% lighter version of the original color is **80.4359, 82.2133, 68.7561**, and **31.8545, 26.3114, 15.2041** is the 20% darker color. If you saturate the color by 10%, you get **56.5211, 45.9504, 25.1258**, and if you desaturate by 10%, it is **68.2471, 62.8147, 49.3436**.

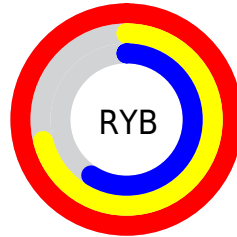
Distribution



Red (100%)

Green (68%)

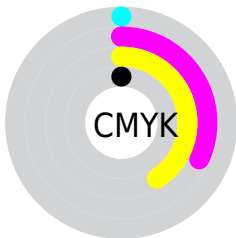
Blue (59%)



Red (100%)

Yellow (71%)

Blue (59%)

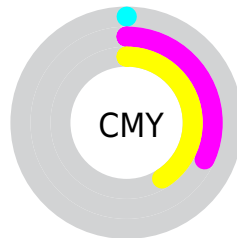


Cyan (0%)

Magenta (32%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8811, 53.7341, 35.9644 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 61.8811, 53.7341, 35.9644 by changing the saturation by 10% instead.

 61.8811, 53.7341,
35.9644

 61.8811, 53.7341,
35.9644


421.2217,
401.0952, 343.8376

 45.1919, 38.3891,
24.1172


 106.6446, 95.6837,
70.1455

 31.8105, 26.2848,
15.2076


 135.4495,
123.0571, 93.3166

 21.3716, 17.0368,
8.8170

169.0238,
155.2088, 121.0993

 13.5099, 10.2608,
4.5268

207.7327,
192.5232, 153.9123

 7.8600, 5.5722,
1.9186

251.9415,
235.3846, 192.1741

 4.0566, 2.5867,
0.5045

302.0158,

 1.7342, 0.9200,

284.1775, 236.3032

0.0000

358.3207,
339.2863, 286.7182

■ 0.4775, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8811, 53.7341,
35.9644

■ 61.8811, 53.7341,
35.9644

■ 56.5211, 45.9504,
25.1258

■ 68.2471, 62.8147,
49.3436

■ 52.1097, 39.3959,
16.6624

■ 75.6644, 73.2403,
65.4081

■ 48.5896, 34.0084,
10.3942

■ 84.1801, 85.0660,
84.2954

■ 45.8952, 29.7167,
6.1134

■ 93.8375, 98.3415,
106.1327

■ 43.9505, 26.4415, 95.0500, 100.0000,
3.5719 108.9000

■ 42.7682, 24.3164,
2.4394

Harmonies

Analogous

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



65.6275, 53.7341, 50.6276



61.8811, 53.7341, 35.9644



55.3675, 53.7341, 28.5979

Triad

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



61.8811, 53.7341, 35.9644



39.1363, 53.7341, 47.3345



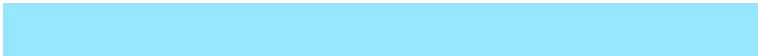
54.0124, 53.7341, 105.7019

Complementary

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



61.8811, 53.7341, 35.9644



59.2024, 70.8531, 105.1634

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.



47.0058, 53.7341, 104.2349



61.8811, 53.7341, 35.9644



38.8465, 53.7341, 67.1649

Square

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



61.8811, 53.7341, 35.9644



42.4345, 53.7341, 34.0374



41.6023, 53.7341, 88.9208



60.8101, 53.7341, 92.5576

Rectangle

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



61.8811, 53.7341, 35.9644



50.5526, 53.7341, 27.4670



41.6023, 53.7341, 88.9208



51.5963, 53.7341, 106.9732

Sweetspot

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



61.8825, 53.7367, 35.9654



83.4357, 84.0372, 82.6290



66.7477, 48.9136, 82.4538



17.6095, 17.6427, 17.1294



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.



61.8825, 53.7367, 35.9654



57.6049, 47.5376, 27.2763



73.7381, 77.4480, 39.9173



18.3462, 18.6607, 18.7792



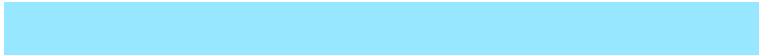
22.4392, 12.8897, 1.3053



2.2630, 1.4114, 0.1532

Inverse Universe

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



59.2024, 70.8531, 105.1634



54.5780, 66.5985, 104.5860



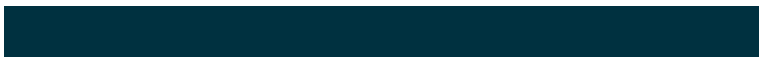
46.8990, 46.2463, 101.0623



18.1820, 19.7357, 23.1010



19.9472, 24.8039, 53.1709



2.0240, 2.5786, 5.2043

Previews

White Background



This preview shows how the XYZ color 61.8811, 53.7341, 35.9644 looks on a white background.

Color Contrast Check

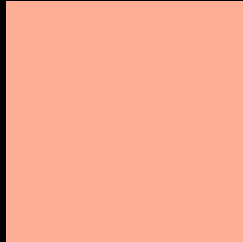
Large Text (above 18pt) WCAG AA × Fail

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 61.8811, 53.7341, 35.9644 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 61.8811, 53.7341, 35.9644

Background



This preview shows how black text looks on a background with the XYZ color 61.8811, 53.7341, 35.9644.



This preview shows how white text looks on a background with the XYZ color 61.8811, 53.7341,

35.9644.

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

61.8811, 53.7341, 35.9644

Protanopia

50.7266, 54.0659, 40.5631

Deuteranopia

54.8991, 53.7499, 35.4982



Tritanopia

64.3502, 53.8047, 51.7935

Trichromacy



Original Color

61.8811, 53.7341, 35.9644

Protanomaly

54.2025, 53.6289, 38.9471

Deuteranomaly

57.4127, 53.8030, 35.7928

Tritanomaly

63.3432, 53.7053, 45.5557

Monochromacy



Original Color

61.8811, 53.7341, 35.9644

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.5223, 53.5470, 50.1098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8811, 53.7341, 35.9644 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 150) }
```

Border

The CSS property to change the border of an element to XYZ 61.8811, 53.7341, 35.9644 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, 150) }
```


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

```
.border{ border-color:rgb(255, 174, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8811, 53.7341, 35.9644 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, 150) }
```

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

```
.background{ background-color: rgb(255,  
174, 150) }
```

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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