

Converting Colors

XYZ(84.4874, 65.2652, 35.9631)

Have a look what the booklet for
XYZ(84.4874, 65.2652, 35.9631)
contains.

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Color

**XYZ(61.5289, 53.2853,
35.0591)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD94
RGB	255, 173, 148
RGB Percent	100%, 68%, 58%
CMY	0.0000, 0.3215, 0.4196
CMYK	0.00, 0.32, 0.42, 0.00
HSL	14°, 100%, 79%
HSV	14°, 42%, 100%
XYZ	61.5289, 53.2853, 35.0591
YIQ	194.6680, 56.8970, 9.6090

Conversions

Conversions Part 2

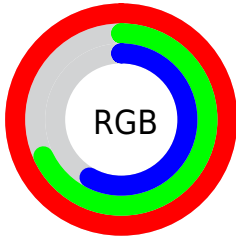
Format	Color
R _{YB}	255, 181, 148
Decimal	16756116
CIE Lab	78.04, 27.17, 25.06
CIE LCh	78, 36.966, 42.687
Yxy	53.2853, 0.4105, 0.3555
Android (android.graphics.Color)	4294946196 (0xFFFFAD94)
YUV	194.6680, -23.0073, 52.9112
Hunter-Lab	72.9968, 22.7131, 22.6218

Details

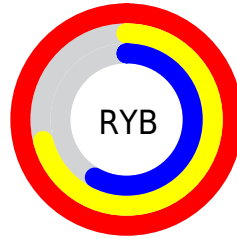
The XYZ color **61.5289, 53.2853, 35.0591** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.5582, 70.1066, 105.0532**, and the grayscale version is **51.7843, 54.4811, 59.3299**.

A 20% lighter version of the original color is **79.9200, 81.5629, 67.4081**, and **31.6391, 26.0318, 14.6663** is the 20% darker color. If you saturate the color by 10%, you get **56.2517, 45.6130, 24.4150**, and if you desaturate by 10%, it is **67.8015, 62.2367, 48.2294**.

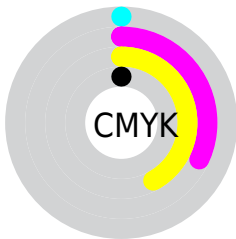
Distribution



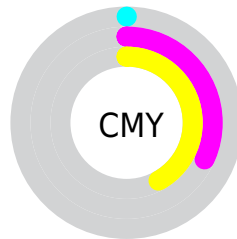
- Red (100%)
- Green (68%)
- Blue (58%)



- 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 61.5289, 53.2853, 35.0591 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 61.5289, 53.2853, 35.0591 by changing the saturation by 10% instead.


 61.5289, 53.2853,
35.0591

 61.5289, 53.2853,
35.0591


419.9556,
399.3787, 339.7413

 44.9063, 38.0306,
23.4245


 106.1382, 95.0241,
68.7299

 31.5846, 26.0064,
14.6990


 134.8555,
122.2769, 91.6032

 21.1984, 16.8284,
8.4642


168.3352,
154.2978, 119.0598

 13.3824, 10.1122,
4.3014

206.9425,
191.4713, 151.5183

 7.7712, 5.4734,
1.7921

251.0429,
234.1818, 189.3971

 3.9995, 2.5276,
0.4227

301.0016,

 1.7018, 0.8904,

282.8136, 233.1148

0.0000

357.1841,
337.7511, 283.0901

■ 0.4574, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5289, 53.2853,
35.0591

■ 61.5289, 53.2853,
35.0591

■ 56.2517, 45.6130,
24.4150

■ 67.8015, 62.2367,
48.2294

■ 51.9125, 39.1527,
16.1307

■ 75.1145, 72.5146,
64.0714

■ 48.4543, 33.8430,
10.0245

■ 83.5149, 84.1735,
82.7234

■ 45.8113, 29.6136,
5.8864

■ 93.0457, 97.2625,
104.3131

■ 43.9075, 26.3857, 95.0500, 100.0000,
3.4642 108.9000

■ 42.8346, 24.4492,
2.4615

Harmonies

Analogous

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



65.4017, 53.2853, 49.7327



61.5289, 53.2853, 35.0591



54.8823, 53.2853, 27.7822

Triad

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



61.5289, 53.2853, 35.0591



38.5364, 53.2853, 46.9928



53.7505, 53.2853, 105.9800

Complementary

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



61.5289, 53.2853, 35.0591



58.5582, 70.1066, 105.0532

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.



46.6336, 53.2853, 104.7460



61.5289, 53.2853, 35.0591



38.2957, 53.2853, 67.1773

Square

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



61.5289, 53.2853, 35.0591



41.8209, 53.2853, 33.4651



41.1287, 53.2853, 89.2952



60.6329, 53.2853, 92.3485

Rectangle

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



61.5289, 53.2853, 35.0591



49.9993, 53.2853, 26.7223



41.1287, 53.2853, 89.2952



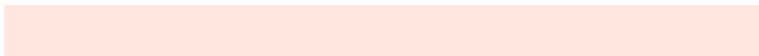
51.2984, 53.2853, 107.3685

Sweetspot

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



61.5303, 53.2879, 35.0601



82.5895, 82.8955, 80.6494



66.1177, 48.1553, 80.6978



17.2657, 17.1733, 16.3423



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.



61.5303, 53.2879, 35.0601



57.2107, 47.0198, 26.3104



73.9089, 78.0452, 39.1863



18.3538, 18.6759, 18.7818



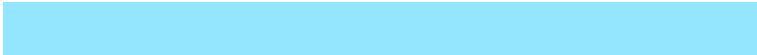
22.4756, 12.9624, 1.3174



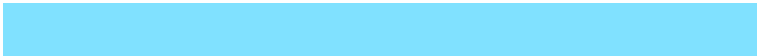
2.2675, 1.4204, 0.1547

Inverse Universe

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



58.5582, 70.1066, 105.0532



53.8573, 65.7310, 104.4565



45.8933, 44.7766, 100.8316



18.1739, 19.7194, 23.0983



19.7962, 24.5019, 53.1206



2.0104, 2.5516, 5.1998

Previews

White Background



This preview shows how the XYZ color 61.5289, 53.2853, 35.0591 looks on a white background.

Color Contrast Check

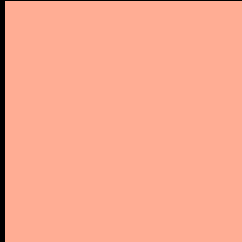
Large Text (above 18pt) WCAG AA × Fail

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 61.5289, 53.2853, 35.0591 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 61.5289, 53.2853, 35.0591

Background



This preview shows how black text looks on a background with the XYZ color 61.5289, 53.2853, 35.0591.



This preview shows how white text looks on a background with the XYZ color 61.5289, 53.2853,

35.0591.

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

61.5289, 53.2853, 35.0591

Protanopia

50.3326, 53.5534, 39.5823

Deuteranopia

54.5322, 53.2672, 34.6016



Tritanopia

64.0582, 53.3868, 51.1844

Trichromacy



Original Color

61.5289, 53.2853, 35.0591

Protanomaly

53.8231, 53.1389, 37.9919

Deuteranomaly

57.0502, 53.3315, 34.8909

Tritanomaly

63.0586, 53.2881, 44.9923

Monochromacy



Original Color

61.5289, 53.2853, 35.0591

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 61.5289, 53.2853, 35.0591 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 148) }
```

Border

The CSS property to change the border of an element to XYZ 61.5289, 53.2853, 35.0591 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, 148) }
```


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

```
.border{ border-color:rgb(255, 173, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5289, 53.2853, 35.0591 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, 148) }
```

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

```
.background{ background-color: rgb(255,  
173, 148) }
```

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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