

Converting Colors

XYZ(141.7201, 97.5500,
37.0544)

Have a look what the booklet for
XYZ(141.7201, 97.5500, 37.0544)
contains.

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Color

**XYZ(63.0560, 57.0800,
33.2853)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFB78E |
| RGB | 255, 183, 142 |
| RGB Percent | 100%, 72%, 56% |
| CMY | 0.0000, 0.2823, 0.4431 |
| CMYK | 0.00, 0.28, 0.44, 0.00 |
| HSL | 22°, 100%, 78% |
| HSV | 22°, 44%, 100% |
| XYZ | 63.0560, 57.0800, 33.2853 |
| YIQ | 199.8540, 56.0730, 2.5130 |

Conversions

Conversions Part 2

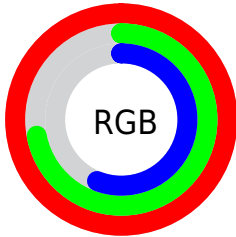
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 255, 206, 142 |
| Decimal | 16758670 |
| CIE _{Lab} | 80.22, 21.32, 31.18 |
| CIE _{LCh} | 80, 37.768, 55.635 |
| Yxy | 57.0800, 0.4110, 0.3720 |
| Android (android.graphics.Color) | 4294948750 (0xFFFFB78E) |
| YUV | 199.8540, -28.5220, 48.3630 |
| Hunter-Lab | 75.5513, 16.7634, 26.7648 |

Details

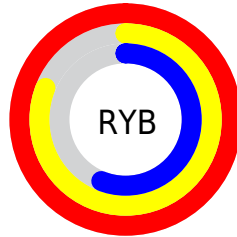
The XYZ color **63.0560, 57.0800, 33.2853** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.2508, 61.0614, 103.5870**, and the grayscale version is **54.9570, 57.8190, 62.9649**.

A 20% lighter version of the original color is **82.0703, 86.9785, 64.6875**, and **32.6359, 28.4564, 13.6701** is the 20% darker color. If you saturate the color by 10%, you get **58.1964, 50.0823, 23.2760**, and if you desaturate by 10%, it is **68.7432, 65.0321, 45.7321**.

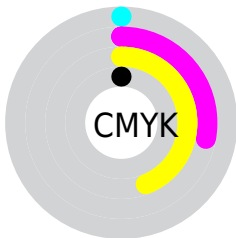
Distribution



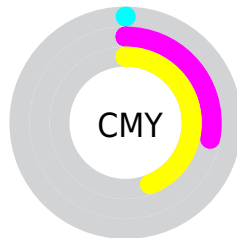
- Red (100%)
- Green (72%)
- Blue (56%)



- Red (100%)
- Yellow (81%)
- Blue (56%)



- Cyan (0%)
- Magenta (28%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0560, 57.0800, 33.2853 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 63.0560, 57.0800, 33.2853 by changing the saturation by 10% instead.


 63.0560, 57.0800,
33.2853

 63.0560, 57.0800,
33.2853


425.4291,
413.7490, 331.6047

 46.1453, 41.0695,
22.0722


 108.3317,
100.5819, 65.9418

 32.5656, 28.3734,
13.7111


 137.4274,
128.8421, 88.2223

 21.9515, 18.6073,
7.7836


171.3154,
161.9543, 115.0290

 13.9377, 11.3869,
3.8710

210.3613,
200.3028, 146.7805

 8.1588, 6.3277,
1.5548

254.9302,
244.2722, 183.8953

 4.2494, 3.0453,
0.2583

305.3876,

 1.8442, 1.1554,

294.2468, 226.7919

0.0000

362.0988,
350.6109, 275.8888

0.5441, 0.0249,
0.0000

0.0000, 0.0000,
0.0000

63.0560, 57.0800,
33.2853

63.0560, 57.0800,
33.2853

58.1964, 50.0823,
23.2760

68.7432, 65.0321,
45.7321

54.1169, 43.9924,
15.5370

75.2936, 73.9661,
60.7615

50.7708, 38.7717,
9.8853

82.7458, 83.9187,
78.5111

48.1039, 34.3750,
6.1073

91.1345, 94.9220,
99.1077

■ 46.0519, 30.7515, 95.0499, 100.0000,
3.9420 108.9000

■ 45.1136, 29.0073,
3.2212

Harmonies

Analogous

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



68.7417, 57.0800, 45.5366



63.0560, 57.0800, 33.2853



55.3888, 57.0800, 28.7081

Triad

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



63.0560, 57.0800, 33.2853



40.7763, 57.0800, 58.9752



60.9206, 57.0800, 108.8092

Complementary

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



63.0560, 57.0800, 33.2853



53.2508, 61.0614, 103.5870

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.



53.1325, 57.0800, 114.8059



63.0560, 57.0800, 33.2853



41.9579, 57.0800, 82.3813

Square

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



63.0560, 57.0800, 33.2853



42.9156, 57.0800, 41.1383



46.3097, 57.0800, 104.1831



67.4292, 57.0800, 89.3201

Rectangle

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



63.0560, 57.0800, 33.2853



50.3559, 57.0800, 29.5816



46.3097, 57.0800, 104.1831



58.3458, 57.0800, 112.6407

Sweetspot

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



63.0574, 57.0828, 33.2864



83.7933, 85.3030, 81.0506



63.2369, 45.5359, 70.0502



17.5604, 17.7625, 16.4405



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.



63.0574, 57.0828, 33.2864



58.7893, 50.9488, 24.4572



76.7117, 84.3913, 37.8378



18.5490, 19.0661, 18.8468



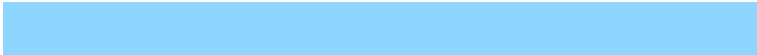
23.7017, 15.4146, 1.7261



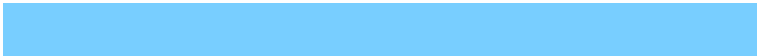
2.4072, 1.6997, 0.2012

Inverse Universe

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



53.2508, 61.0614, 103.5870



47.8357, 55.3240, 102.7651



41.5954, 37.7505, 99.7019



17.9681, 19.3078, 23.0297



16.3725, 17.6545, 51.9793



1.6980, 1.9268, 5.0957

Previews

White Background



This preview shows how the XYZ color 63.0560, 57.0800, 33.2853 looks on a white background.

Color Contrast Check

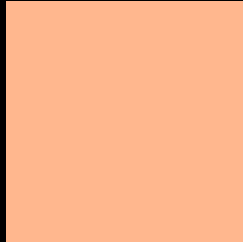
Large Text (above 18pt) WCAG AA × Fail

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 63.0560, 57.0800, 33.2853 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 63.0560, 57.0800, 33.2853

Background



This preview shows how black text looks on a background with the XYZ color 63.0560, 57.0800, 33.2853.



This preview shows how white text looks on a background with the XYZ color 63.0560, 57.0800,

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

63.0560, 57.0800, 33.2853

Protanopia

53.5798, 57.3129, 36.6723

Deuteranopia

58.2895, 57.1596, 32.7717



Tritanopia

66.7641, 57.2618, 56.8240

Trichromacy



Original Color

63.0560, 57.0800, 33.2853

Protanomaly

56.5714, 56.8733, 35.1901

Deuteranomaly

60.0992, 57.1226, 33.0575

Tritanomaly

65.1041, 56.9196, 47.0904

Monochromacy



Original Color

63.0560, 57.0800, 33.2853

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.9437, 57.0539, 50.6591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0560, 57.0800, 33.2853 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, 183, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 142)  
}
```

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, 183, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 142) }
```

Border

The CSS property to change the border of an element to XYZ 63.0560, 57.0800, 33.2853 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, 183, 142) }
```


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

```
.border{ border-color:rgb(255, 183, 142) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 183, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0560, 57.0800, 33.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 142) }
```

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

```
.background{ background-color: rgb(255,  
183, 142) }
```

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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