

Converting Colors

XYZ(103.1111, 78.2138,
35.1139)

Have a look what the booklet for
XYZ(103.1111, 78.2138, 35.1139)
contains.

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Color

**XYZ(63.4714, 57.9109,
33.4238)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFB98E |
| RGB | 255, 185, 142 |
| RGB Percent | 100%, 73%, 56% |
| CMY | 0.0000, 0.2745, 0.4431 |
| CMYK | 0.00, 0.27, 0.44, 0.00 |
| HSL | 23°, 100%, 78% |
| HSV | 23°, 44%, 100% |
| XYZ | 63.4714, 57.9109, 33.4238 |
| YIQ | 201.0280, 55.5230, 1.4670 |

Conversions

Conversions Part 2

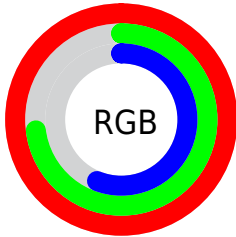
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 211, 142 |
| Decimal | 16759182 |
| CIE _{Lab} | 80.69, 20.27, 31.79 |
| CIE _{LCh} | 81, 37.703, 57.476 |
| Yxy | 57.9109, 0.4100, 0.3741 |
| Android (android.graphics.Color) | 4294949262 (0xFFFFB98E) |
| YUV | 201.0280, -29.1008, 47.3334 |
| Hunter-Lab | 76.0992, 15.7063, 27.2285 |

Details

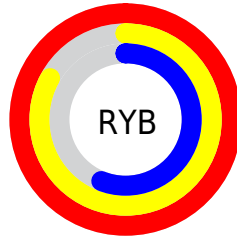
The XYZ color **63.4714, 57.9109, 33.4238** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.7477, 60.0552, 103.4191**, and the grayscale version is **55.6866, 58.5866, 63.8009**.

A 20% lighter version of the original color is **82.6591, 88.1561, 64.8838**, and **32.9045, 28.9936, 13.7596** is the 20% darker color. If you saturate the color by 10%, you get **58.6489, 50.9873, 23.4268**, and if you desaturate by 10%, it is **69.1019, 65.7495, 45.8517**.

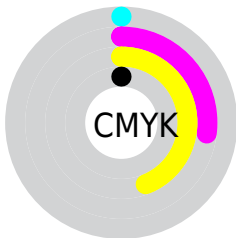
Distribution



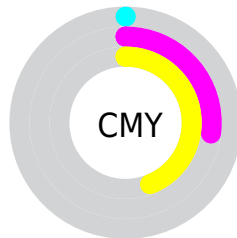
- Red (100%)
- Green (73%)
- Blue (56%)



- Red (100%)
- Yellow (83%)
- Blue (56%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4714, 57.9109, 33.4238 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 63.4714, 57.9109, 33.4238 by changing the saturation by 10% instead.


 63.4714, 57.9109,
33.4238

 63.4714, 57.9109,
33.4238


426.9108,
416.8538, 332.2455

 46.4828, 41.7370,
22.1775


 108.9273,
101.7931, 66.1602

 32.8332, 28.8954,
13.7878


 138.1253,
130.2702, 88.4875

 22.1573, 19.0017,
7.8362

172.1237,
163.6172, 115.3455

 14.0898, 11.6715,
3.9040

211.2881,
202.2184, 147.1528

 8.2653, 6.5204,
1.5729

255.9836,
246.4583, 184.3279

 4.3184, 3.1640,
0.2713

306.5756,

 1.8838, 1.2180,

296.7212, 227.2893

0.0000

363.4296,
353.3916, 276.4557

■ 0.5674, 0.0763,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4714, 57.9109,
33.4238

■ 63.4714, 57.9109,
33.4238

■ 58.6489, 50.9873,
23.4268

■ 69.1019, 65.7495,
45.8517

■ 54.5878, 44.9343,
15.6940

■ 75.5748, 74.5284,
60.8552

■ 51.2428, 39.7159,
10.0427

■ 82.9276, 84.2824,
78.5717

■ 48.5611, 35.2896,
6.2598

■ 91.1942, 95.0417,
99.1276

■ 46.4798, 31.6075, 95.0499, 99.9999,
4.0846 108.9000

■ 45.5190, 29.8182,
3.3564

Harmonies

Analogous

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



69.3884, 57.9109, 45.3043



63.4714, 57.9109, 33.4238



55.7031, 57.9109, 29.2437

Triad

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



63.4714, 57.9109, 33.4238



41.4267, 57.9109, 61.1896



62.2265, 57.9109, 109.1382

Complementary

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



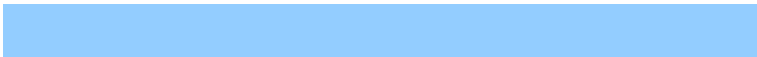
63.4714, 57.9109, 33.4238



52.7477, 60.0552, 103.4191

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.



54.3873, 57.9109, 116.1812



63.4714, 57.9109, 33.4238



42.8243, 57.9109, 84.9254

Square

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



63.4714, 57.9109, 33.4238



43.3833, 57.9109, 42.7363



47.3951, 57.9109, 106.4444



68.6234, 57.9109, 88.9682

Rectangle

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



63.4714, 57.9109, 33.4238



50.6773, 57.9109, 30.4173



47.3951, 57.9109, 106.4444



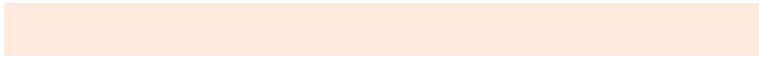
59.6516, 57.9109, 113.2999

Sweetspot

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



63.4728, 57.9137, 33.4249



83.9605, 85.6374, 81.1064



62.9955, 45.4394, 68.7793



17.6014, 17.8446, 16.4542



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.



63.4728, 57.9137, 33.4249



59.2380, 51.8463, 24.6068



77.2629, 85.4939, 38.0216



18.5760, 19.1201, 18.8558



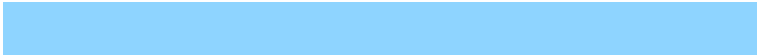
23.9173, 15.8459, 1.7980



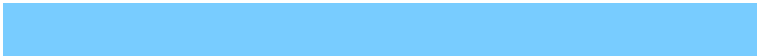
2.4302, 1.7458, 0.2089

Inverse Universe

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



52.7477, 60.0552, 103.4191



47.2644, 54.1813, 102.5747



41.2741, 37.1079, 99.5946



17.9402, 19.2519, 23.0204



15.9647, 16.8390, 51.8434



1.6600, 1.8506, 5.0830

Previews

White Background



This preview shows how the XYZ color 63.4714, 57.9109, 33.4238 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 63.4714, 57.9109, 33.4238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

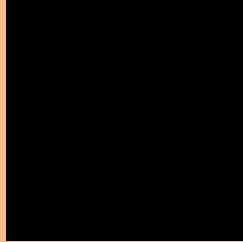
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4714, 57.9109, 33.4238

Background



This preview shows how black text looks on a background with the XYZ color 63.4714, 57.9109, 33.4238.



This preview shows how white text looks on a background with the XYZ color 63.4714, 57.9109,

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

63.4714, 57.9109, 33.4238

Protanopia

54.1034, 57.9256, 36.7630

Deuteranopia

59.2540, 57.9731, 33.2662



Tritanopia

67.1869, 57.7528, 58.0583

Trichromacy



Original Color

63.4714, 57.9109, 33.4238

Protanomaly

57.3365, 57.9285, 35.3535

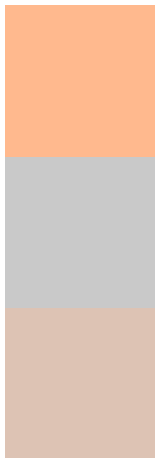
Deuteranomaly

60.6615, 57.7308, 33.1452

Tritanomaly

65.6079, 57.7719, 47.7376

Monochromacy



Original Color

63.4714, 57.9109, 33.4238

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.5721, 57.6977, 51.2824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4714, 57.9109, 33.4238 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, 185, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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, 185, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 142) }
```

Border

The CSS property to change the border of an element to XYZ 63.4714, 57.9109, 33.4238 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, 185, 142) }
```


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

```
.border{ border-color:rgb(255, 185, 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, 185, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4714, 57.9109, 33.4238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 142) }
```

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

```
.background{ background-color: rgb(255,  
185, 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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