

Converting Colors

XYZ(63.4799, 58.4571, 31.7952)

Have a look what the booklet for
XYZ(63.4799, 58.4571, 31.7952)
contains.

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Color

**XYZ(63.5978, 58.6356,
32.0106)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBB8A
RGB	255, 187, 138
RGB Percent	100%, 73%, 54%
CMY	0.0000, 0.2666, 0.4588
CMYK	0.00, 0.27, 0.46, 0.00
HSL	25°, 100%, 77%
HSV	25°, 46%, 100%
XYZ	63.5978, 58.6356, 32.0106
YIQ	201.7460, 56.2570, -0.8230

Conversions

Conversions Part 2

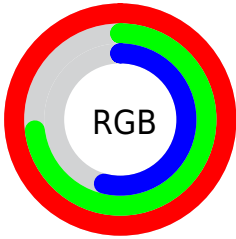
Format	Color
R _Y B	255, 222, 138
Decimal	16759690
CIE Lab	81.09, 18.83, 34.41
CIE LCh	81, 39.227, 61.312
Yxy	58.6356, 0.4123, 0.3801
Android (android.graphics.Color)	4294949770 (0xFFFFBB8A)
YUV	201.7460, -31.4268, 46.7038
Hunter-Lab	76.5739, 14.2474, 28.8164

Details

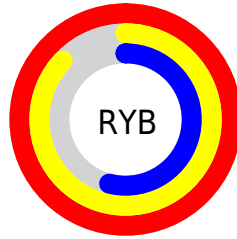
The XYZ color **63.5978, 58.6356, 32.0106** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.6017, 56.7637, 102.8971**, and the grayscale version is **56.1471, 59.0711, 64.3284**.

A 20% lighter version of the original color is **82.8050, 89.1670, 62.7158**, and **33.0103, 29.4741, 12.9661** is the 20% darker color. If you saturate the color by 10%, you get **58.9808, 52.0174, 22.4079**, and if you desaturate by 10%, it is **68.9756, 66.0817, 44.0062**.

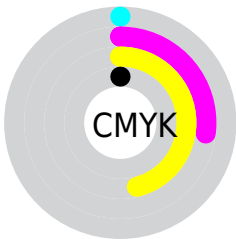
Distribution



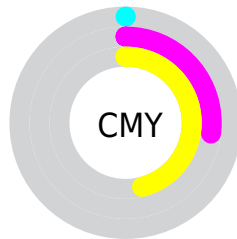
- Red (100%)
- Green (73%)
- Blue (54%)



- Red (100%)
- Yellow (87%)
- Blue (54%)



- Cyan (0%)
- Magenta (27%)
- Yellow (46%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5978, 58.6356, 32.0106 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 63.5978, 58.6356, 32.0106 by changing the saturation by 10% instead.


 63.5978, 58.6356,
32.0106


 63.5978, 58.6356,
32.0106


427.3611,
419.5502, 325.6618


 46.5855, 42.3198,
21.1047


 109.1085,
102.8479, 63.9258

 32.9146, 29.3518,
13.0086

 138.3375,
131.5132, 85.7722

 22.2200, 19.3471,
7.3037


 172.3695,
165.0638, 112.1025

 14.1361, 11.9214,
3.5714

211.5698,
203.8841, 143.3353

 8.2977, 6.6902,
1.3933

256.3037,
248.3585, 179.8891

 4.3395, 3.2691,
0.1365

306.9367,

 1.8959, 1.2738,

298.8714, 222.1824

0.0000

363.8340,
355.8071, 270.6337

■ 0.5745, 0.1208,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5978, 58.6356,
32.0106

■ 63.5978, 58.6356,
32.0106

■ 58.9808, 52.0174,
22.4079

■ 68.9756, 66.0817,
44.0062

■ 55.0797, 46.1868,
15.0291

■ 75.1469, 74.3771,
58.5407

■ 51.8507, 41.1120,
9.6887

■ 82.1478, 83.5529,
75.7525

■ 49.2423, 36.7552,
6.1683

■ 90.0105, 93.6356,
95.7689

■ 47.1926, 33.0732, 95.0500, 100.0000,
4.1981 108.9000

■ 46.4775, 31.7352,
3.6759

Harmonies

Analogous

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



70.2211, 58.6356, 43.2442



63.5978, 58.6356, 32.0106



55.3732, 58.6356, 28.6648

Triad

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



63.5978, 58.6356, 32.0106



41.4863, 58.6356, 64.8777



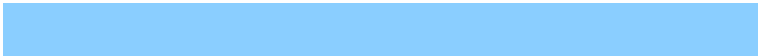
64.2791, 58.6356, 110.3779

Complementary

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



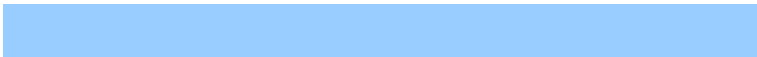
63.5978, 58.6356, 32.0106



50.6017, 56.7637, 102.8971

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.



56.0911, 58.6356, 120.0470



63.5978, 58.6356, 32.0106



43.3860, 58.6356, 90.1255

Square

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



63.5978, 58.6356, 32.0106



43.0830, 58.6356, 44.6320



48.5419, 58.6356, 111.8652



70.6406, 58.6356, 87.9035

Rectangle

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



63.5978, 58.6356, 32.0106



50.2274, 58.6356, 30.4953



48.5419, 58.6356, 111.8652



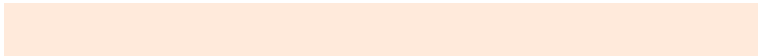
61.6235, 58.6356, 115.4490

Sweetspot

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



63.5993, 58.6384, 32.0118



83.5606, 85.3801, 79.3010



61.4998, 43.9059, 63.7856



17.5392, 17.8270, 16.1045



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.



63.5993, 58.6384, 32.0118



59.3586, 52.5689, 23.1626



78.5556, 88.5512, 36.9972



18.6345, 19.2373, 18.8753



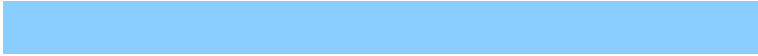
24.4252, 16.8616, 1.9673



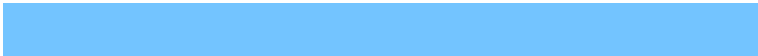
2.4833, 1.8519, 0.2266

Inverse Universe

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



50.6017, 56.7637, 102.8971



44.8852, 50.4434, 101.9786



39.0825, 33.7254, 99.0574



17.8800, 19.1316, 23.0003



15.1318, 15.1731, 51.5658



1.5814, 1.6935, 5.0568

Previews

White Background



This preview shows how the XYZ color 63.5978, 58.6356, 32.0106 looks on a white background.

Color Contrast Check

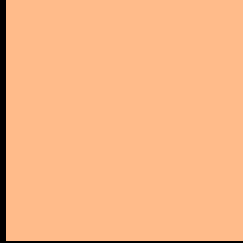
Large Text (above 18pt) WCAG AA × Fail

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 63.5978, 58.6356, 32.0106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

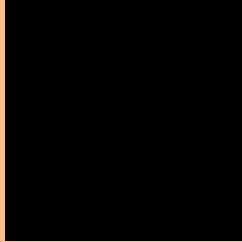
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5978, 58.6356, 32.0106

Background



This preview shows how black text looks on a background with the XYZ color 63.5978, 58.6356, 32.0106.



This preview shows how white text looks on a background with the XYZ color 63.5978, 58.6356,

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

63.5978, 58.6356, 32.0106

Protanopia

54.7698, 59.0064, 34.8882

Deuteranopia

59.8609, 58.6468, 31.8319



Tritanopia

67.7056, 58.6109, 58.7835

Trichromacy



Original Color

63.5978, 58.6356, 32.0106

Protanomaly

57.8037, 58.8744, 33.9085

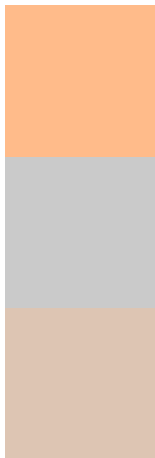
Deuteranomaly

61.1522, 58.6606, 31.7665

Tritanomaly

66.0205, 58.5970, 47.8751

Monochromacy



Original Color

63.5978, 58.6356, 32.0106

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.9217, 58.5593, 50.8981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5978, 58.6356, 32.0106 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, 187, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 138)  
}
```

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, 187, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 138) }
```

Border

The CSS property to change the border of an element to XYZ 63.5978, 58.6356, 32.0106 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, 187, 138) }
```


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

```
.border{ border-color:rgb(255, 187, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5978, 58.6356, 32.0106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 138) }
```

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

```
.background{ background-color: rgb(255,  
187, 138) }
```

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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