

Converting Colors

XYZ(71.7227, 62.9139, 31.3326)

Have a look what the booklet for
XYZ(71.7227, 62.9139, 31.3326)
contains.

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Color

**XYZ(63.3835, 58.5499,
30.8823)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBB87
RGB	255, 187, 135
RGB Percent	100%, 73%, 53%
CMY	0.0000, 0.2666, 0.4706
CMYK	0.00, 0.27, 0.47, 0.00
HSL	26°, 100%, 76%
HSV	26°, 47%, 100%
XYZ	63.3835, 58.5499, 30.8823
YIQ	201.4040, 57.2200, -1.7560

Conversions

Conversions Part 2

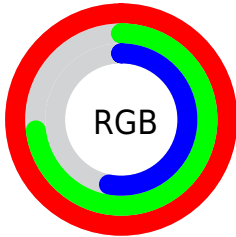
Format	Color
R_{YB}	255, 227, 135
Decimal	16759687
CIE _{Lab}	81.04, 18.54, 35.91
CIE _{LCh}	81, 40.416, 62.691
Yxy	58.5499, 0.4148, 0.3831
Android (android.graphics.Color)	4294949767 (0xFFFFBB87)
YUV	201.4040, -32.7372, 47.0037
Hunter-Lab	76.5179, 13.9539, 29.6333

Details

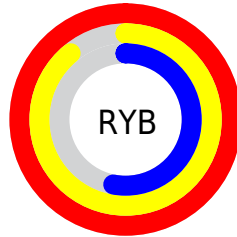
The XYZ color **63.3835, 58.5499, 30.8823** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.3967, 55.0806, 102.6356**, and the grayscale version is **55.9415, 58.8548, 64.0929**.

A 20% lighter version of the original color is **82.4759, 89.0353, 60.9827**, and **32.8903, 29.4261, 12.3338** is the 20% darker color. If you saturate the color by 10%, you get **58.8862, 52.0928, 21.5614**, and if you desaturate by 10%, it is **68.6220, 65.8016, 42.5726**.

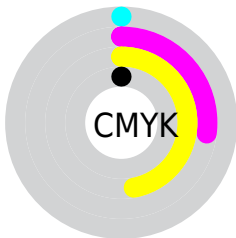
Distribution



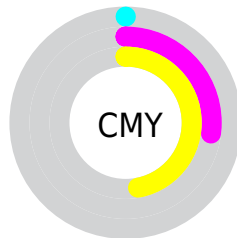
- Red (100%)
- Green (73%)
- Blue (53%)



- Red (100%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3835, 58.5499, 30.8823 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 63.3835, 58.5499, 30.8823 by changing the saturation by 10% instead.


 63.3835, 58.5499,
30.8823

 63.3835, 58.5499,
30.8823


426.5975,
419.2319, 320.3301


 46.4113, 42.2509,
20.2515


 108.8013,
102.7232, 62.1321

 32.7765, 29.2978,
12.3921


 137.9777,
131.3663, 83.5882

 22.1137, 19.3062,
6.8855


 171.9528,
164.8929, 109.4899

 14.0576, 11.8918,
3.3133

211.0921,
203.6873, 140.2556

 8.2427, 6.6700,
1.2567

255.7608,
248.1341, 176.3040

 4.3037, 3.2566,
0.0259

306.3244,

 1.8754, 1.2671,

298.6175, 218.0535

0.0000

363.1482,
355.5219, 265.9227

■ 0.5625, 0.1155,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3835, 58.5499,
30.8823

■ 63.3835, 58.5499,
30.8823

■ 58.8862, 52.0928,
21.5614

■ 68.6220, 65.8016,
42.5726

■ 55.0857, 46.3910,
14.4389

■ 74.6344, 73.8679,
56.7797

■ 51.9383, 41.4143,
9.3266

■ 81.4560, 82.7786,
73.6431

■ 49.3926, 37.1261,
6.0018

■ 89.1187, 92.5594,
93.2909

■ 47.3847, 33.4838, 95.0499, 99.9999,
4.1810 108.9000

■ 46.8712, 32.5226,
3.8071

Harmonies

Analogous

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



70.3594, 58.5499, 41.9130



63.3835, 58.5499, 30.8823



54.8960, 58.5499, 27.8433

Triad

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



63.3835, 58.5499, 30.8823



41.0420, 58.5499, 65.9445



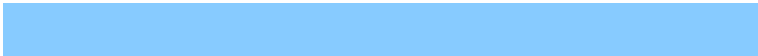
64.8249, 58.5499, 111.0699

Complementary

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



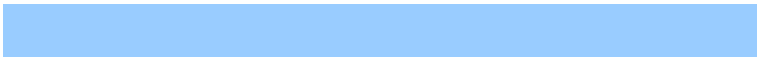
63.3835, 58.5499, 30.8823



49.3967, 55.0806, 102.6356

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.



56.4107, 58.5499, 121.9274



63.3835, 58.5499, 30.8823



43.1483, 58.5499, 92.0993

Square

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



63.3835, 58.5499, 30.8823



42.5123, 58.5499, 44.8180



48.5725, 58.5499, 114.2399



71.2486, 58.5499, 87.3815

Rectangle

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



63.3835, 58.5499, 30.8823



49.6564, 58.5499, 29.9220



48.5725, 58.5499, 114.2399



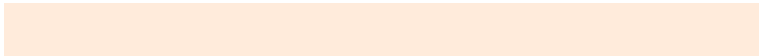
62.1074, 58.5499, 116.5767

Sweetspot

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



63.3849, 58.5527, 30.8834



83.7087, 85.6763, 79.3503



60.6837, 42.9003, 61.5825



17.5752, 17.8989, 16.1165



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.



63.3849, 58.5527, 30.8834



59.3286, 52.7399, 22.4406



78.8739, 89.5307, 36.0464



18.6569, 19.2819, 18.8828



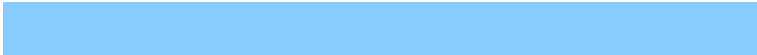
24.6332, 17.2776, 2.0366



2.5046, 1.8946, 0.2337

Inverse Universe

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



49.3967, 55.0806, 102.6356



43.8526, 48.8679, 101.7289



37.8647, 32.0165, 98.7916



17.8572, 19.0861, 22.9928



14.8328, 14.5751, 51.4661



1.5529, 1.6365, 5.0473

Previews

White Background



This preview shows how the XYZ color 63.3835, 58.5499, 30.8823 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 63.3835, 58.5499, 30.8823 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 63.3835, 58.5499, 30.8823

Background



This preview shows how black text looks on a background with the XYZ color 63.3835, 58.5499, 30.8823.



This preview shows how white text looks on a background with the XYZ color 63.3835, 58.5499,

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

63.3835, 58.5499, 30.8823

Protanopia

54.6078, 58.6018, 33.6324

Deuteranopia

59.9910, 58.7384, 30.7300



Tritanopia

67.7056, 58.6109, 58.7835

Trichromacy



Original Color

63.3835, 58.5499, 30.8823

Protanomaly

57.3551, 58.3329, 32.6625

Deuteranomaly

61.2916, 58.7570, 30.6651

Tritanomaly

65.9233, 58.5581, 47.3635

Monochromacy



Original Color

63.3835, 58.5499, 30.8823

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.4945, 58.0263, 49.7649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3835, 58.5499, 30.8823 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 135) }
```

Border

The CSS property to change the border of an element to XYZ 63.3835, 58.5499, 30.8823 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, 135) }
```


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

```
.border{ border-color:rgb(255, 187, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3835, 58.5499, 30.8823 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, 135) }
```

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

```
.background{ background-color: rgb(255,  
187, 135) }
```

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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