

Converting Colors

$Yxy(60.7024, 0.4280, 0.3802)$

Have a look what the booklet for
Yxy(60.7024, 0.4280, 0.3802)
contains.

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Color

Yxy(58.0990, 0.4161, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA86
RGB	255, 186, 134
RGB Percent	100%, 73%, 53%
CMY	0.0000, 0.2706, 0.4744
CMYK	0.00, 0.27, 0.47, 0.00
HSL	26°, 100%, 76%
HSV	26°, 47%, 100%
XYZ	63.1036, 58.0990, 30.4523
YIQ	200.7030, 57.8160, -1.5440

Conversions

Conversions Part 2

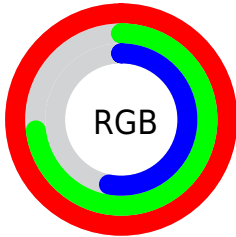
Format	Color
R _Y B	255, 225, 134
Decimal	16759430
CIE Lab	80.79, 18.97, 36.09
CIE LCh	81, 40.777, 62.268
Yxy	58.0990, 0.4161, 0.3831
Android (android.graphics.Color)	4294949510 (0xFFFFBA86)
YUV	200.7030, -32.8846, 47.6185
Hunter-Lab	76.2227, 14.3877, 29.6685

Details

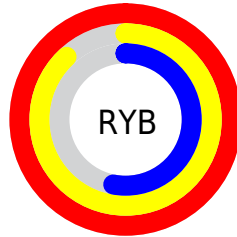
The Yxy color **58.0990, 0.4161, 0.3831** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.0138, 0.2380, 0.2659**, and the grayscale version is **58.3986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3951, 0.3556, 0.3830**, and **29.1354, 0.4425, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **51.6542, 0.4458, 0.3928**, and if you desaturate by 10%, it is **65.3446, 0.3888, 0.3719**.

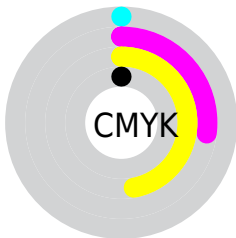
Distribution



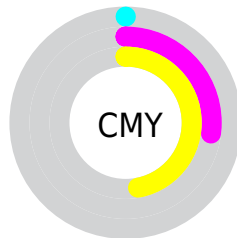
- Red (100%)
- Green (73%)
- Blue (53%)



- Red (100%)
- Yellow (88%)
- Blue (53%)



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0990, 0.4161, 0.3831 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 Yxy color 58.0990, 0.4161, 0.3831 by changing the saturation by 10% instead.


 58.0990, 0.4161,
0.3831


 58.0990, 0.4161,
0.3831


417.5547, 0.3664,
0.3595


 41.8882, 0.4276,
0.3879

 102.0670, 0.3987,
0.3754

 29.0138, 0.4419,
0.3933


 130.5931, 0.3919,
0.3722

 19.0913, 0.4598,
0.3994


 163.9930, 0.3862,
0.3694

 11.7362, 0.4827,
0.4060

202.6512, 0.3811,
0.3670

 6.5643, 0.5126,
0.4118

246.9521, 0.3768,
0.3648

 3.1912, 0.5716,
0.4284

297.2800, 0.3729,

 1.2323, 0.6000,

0.3629

0.4000

354.0195, 0.3695,
0.3611

0.0879, 0.8615,
0.1385

0.0000, 0.0000,
0.0000

58.0990, 0.4161,
0.3831

58.0990, 0.4161,
0.3831

51.6542, 0.4458,
0.3928

65.3446, 0.3888,
0.3719

45.9708, 0.4770,
0.3998

73.4118, 0.3645,
0.3600

41.0180, 0.5077,
0.4026

82.3307, 0.3432,
0.3483

36.7583, 0.5358,
0.4003

92.1273, 0.3248,
0.3370

■ 33.1484, 0.5590,
0.3925

100.0000, 0.3127,
0.3290

■ 32.3176, 0.5644,
0.3900

Harmonies

Analogous

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



58.0990, 0.4128, 0.3422



58.0990, 0.4161, 0.3831



58.0990, 0.3899, 0.4150

Triad

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



58.0990, 0.4161, 0.3831



58.0990, 0.2477, 0.3547



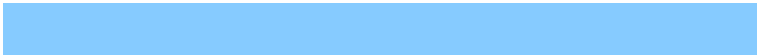
58.0990, 0.2754, 0.2488

Complementary

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



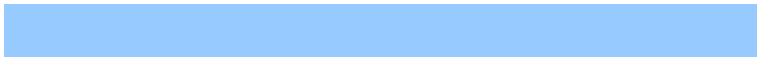
58.0990, 0.4161, 0.3831



55.0138, 0.2380, 0.2659

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.



58.0990, 0.2369, 0.2464



58.0990, 0.4161, 0.3831



58.0990, 0.2219, 0.3024

Square

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



58.0990, 0.4161, 0.3831



58.0990, 0.2918, 0.4028



58.0990, 0.2183, 0.2642



58.0990, 0.3274, 0.2686

Rectangle

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



58.0990, 0.4161, 0.3831



58.0990, 0.3606, 0.4249



58.0990, 0.2183, 0.2642



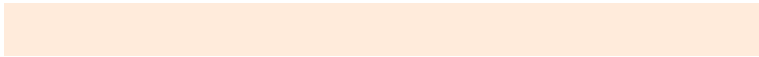
58.0990, 0.2606, 0.2459

Sweetspot

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



58.1018, 0.4161, 0.3831



85.6003, 0.3366, 0.3443



42.7063, 0.3659, 0.2573



17.8804, 0.3407, 0.3468



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.1018, 0.4161, 0.3831



51.9215, 0.4445, 0.3924



88.2379, 0.3872, 0.4371



19.2704, 0.3284, 0.3393



17.1693, 0.5616, 0.3923



1.8835, 0.5416, 0.4082

Inverse Universe

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



55.0138, 0.2380, 0.2659



48.4537, 0.2243, 0.2504



32.2704, 0.2241, 0.1910



19.0977, 0.2979, 0.3185



14.7266, 0.1838, 0.1815



1.6509, 0.1889, 0.1999

Previews

White Background



This preview shows how the Yxy color 58.0990, 0.4161, 0.3831 looks on a white background.

Color Contrast Check

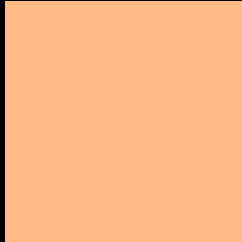
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 58.0990, 0.4161, 0.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

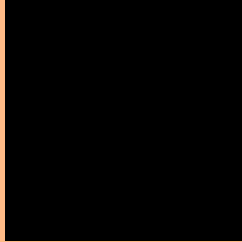
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0990, 0.4161, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 58.0990, 0.4161, 0.3831.



This preview shows how white text looks on a background with the Yxy color 58.0990, 0.4161, 0.3831.

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

58.0990, 0.4161, 0.3831

Protanopia

58.4185, 0.3718, 0.4004

Deuteranopia

58.0935, 0.4018, 0.3932



Tritanopia

58.1580, 0.3669, 0.3166

Trichromacy



Original Color

58.0990, 0.4161, 0.3831

Protanomaly

58.3038, 0.3874, 0.3943

Deuteranomaly

58.1132, 0.4071, 0.3901

Tritanomaly

58.1055, 0.3848, 0.3408

Monochromacy



Original Color

58.0990, 0.4161, 0.3831

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.0263, 0.3478, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0990, 0.4161, 0.3831 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, 186, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 134)  
}
```

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, 186, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 134) }
```

Border

The CSS property to change the border of an element to Yxy 58.0990, 0.4161, 0.3831 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, 186, 134) }
```

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

```
.border{ border-color:rgb(255, 186, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 134); box-shadow:4px 4px 4px 4px rgb(255, 186, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0990, 0.4161, 0.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 134) }
```

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

```
.background{ background-color: rgb(255,  
186, 134) }
```

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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