

Converting Colors

$Yxy(63.8847, 0.4380, 0.3820)$

Have a look what the booklet for
Yxy(63.8847, 0.4380, 0.3820)
contains.

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Color

Yxy(58.8651, 0.4175, 0.3881)

Conversions

Conversions Part 1

Format	Color
Hex	FFBC83
RGB	255, 188, 131
RGB Percent	100%, 74%, 51%
CMY	0.0000, 0.2628, 0.4864
CMYK	0.00, 0.26, 0.49, 0.00
HSL	28°, 100%, 76%
HSV	28°, 49%, 100%
XYZ	63.3243, 58.8651, 29.4856
YIQ	201.5350, 58.2290, -3.5230

Conversions

Conversions Part 2

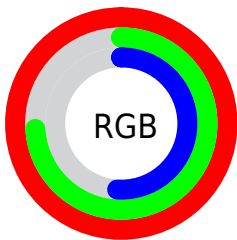
Format	Color
R_{YB}	255, 236, 131
Decimal	16759939
CIE _{Lab}	81.22, 17.66, 38.22
CIE _{LCh}	81, 42.104, 65.205
Yxy	58.8651, 0.4175, 0.3881
Android (android.graphics.Color)	4294950019 (0xFFFFBC83)
YUV	201.5350, -34.7738, 46.8888
Hunter-Lab	76.7236, 13.0599, 30.9208

Details

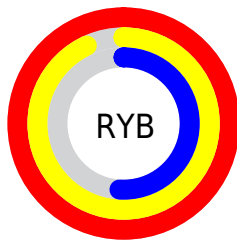
The Yxy color **58.8651, 0.4175, 0.3881** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.4175, 0.2353, 0.2592**, and the grayscale version is **58.9477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4641, 0.3570, 0.3879**, and **29.6429, 0.4437, 0.4000** is the 20% darker color. If you saturate the color by 10%, you get **52.6482, 0.4463, 0.3983**, and if you desaturate by 10%, it is **65.8112, 0.3907, 0.3762**.

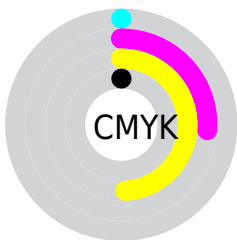
Distribution



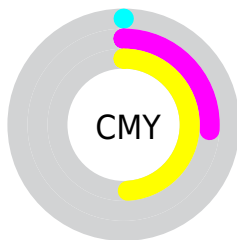
- Red (100%)
- Green (74%)
- Blue (51%)



- Red (100%)
- Yellow (93%)
- Blue (51%)



- Cyan (0%)
- Magenta (26%)
- Yellow (49%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8651, 0.4175, 0.3881 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 58.8651, 0.4175, 0.3881 by changing the saturation by 10% instead.

 58.8651, 0.4175,
0.3881

 58.8651, 0.4175,
0.3881


420.4018, 0.3674,
0.3623


 42.5045, 0.4290,
0.3933


 103.1816, 0.4000,
0.3796

 29.4966, 0.4432,
0.3993

 131.9063, 0.3932,
0.3762

 19.4568, 0.4609,
0.4060


 165.5211, 0.3874,
0.3731

 12.0008, 0.4833,
0.4133

204.4106, 0.3823,
0.3705

 6.7442, 0.5120,
0.4197

248.9590, 0.3779,
0.3681

 3.3027, 0.5652,
0.4348

299.5507, 0.3740,

 1.2917, 0.5914,

0.3659

0.4086

356.5702, 0.3705,
0.3640

0.1348, 0.8058,
0.1942

0.0000, 0.0000,
0.0000

58.8651, 0.4175,
0.3881

58.8651, 0.4175,
0.3881

52.6482, 0.4463,
0.3983

65.8112, 0.3907,
0.3762

47.1361, 0.4761,
0.4055

73.5170, 0.3666,
0.3637

42.2968, 0.5051,
0.4085

82.0060, 0.3454,
0.3511

38.0958, 0.5312,
0.4061

91.3019, 0.3268,
0.3389

■ 34.4906, 0.5528,
0.3983

100.0000, 0.3127,
0.3290

■ 34.0407, 0.5556,
0.3971

Harmonies

Analogous

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



58.8651, 0.4174, 0.3466



58.8651, 0.4175, 0.3881



58.8651, 0.3879, 0.4195

Triad

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



58.8651, 0.4175, 0.3881



58.8651, 0.2424, 0.3499



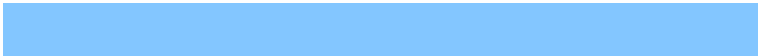
58.8651, 0.2791, 0.2480

Complementary

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



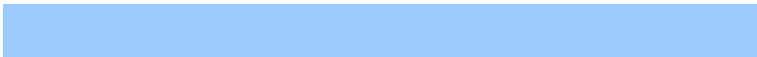
58.8651, 0.4175, 0.3881



52.4175, 0.2353, 0.2592

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.



58.8651, 0.2380, 0.2437



58.8651, 0.4175, 0.3881



58.8651, 0.2182, 0.2968

Square

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



58.8651, 0.4175, 0.3881



58.8651, 0.2861, 0.4011



58.8651, 0.2169, 0.2596



58.8651, 0.3333, 0.2699

Rectangle

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



58.8651, 0.4175, 0.3881



58.8651, 0.3569, 0.4281



58.8651, 0.2169, 0.2596



58.8651, 0.2635, 0.2445

Sweetspot

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



58.8637, 0.4175, 0.3881



85.2947, 0.3383, 0.3466



41.6165, 0.3722, 0.2596



17.8460, 0.3423, 0.3492



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.



58.8637, 0.4175, 0.3881



53.0243, 0.4444, 0.3977



90.5247, 0.3872, 0.4428



19.3633, 0.3283, 0.3400



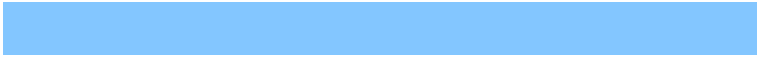
18.0779, 0.5528, 0.3992



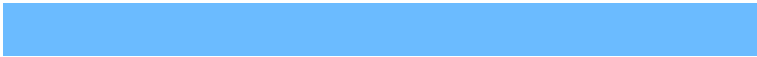
1.9757, 0.5338, 0.4144

Inverse Universe

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



52.4175, 0.2353, 0.2592



45.8907, 0.2216, 0.2428



29.9827, 0.2207, 0.1819



19.0035, 0.2979, 0.3178



13.5355, 0.1809, 0.1710



1.5366, 0.1862, 0.1904

Previews

White Background



This preview shows how the Yxy color 58.8651, 0.4175, 0.3881 looks on a white background.

Color Contrast Check

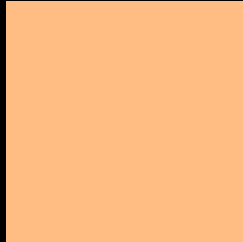
Large Text (above 18pt) WCAG AA × Fail

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 58.8651, 0.4175, 0.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

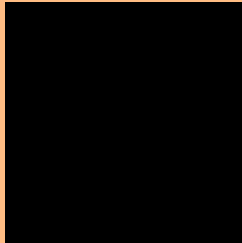
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8651, 0.4175, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 58.8651, 0.4175, 0.3881.



This preview shows how white text looks on a background with the Yxy color 58.8651, 0.4175, 0.3881.

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

58.8651, 0.4175, 0.3881

Protanopia

59.1073, 0.3753, 0.4045

Deuteranopia

58.8063, 0.4053, 0.3969



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.8651, 0.4175, 0.3881

Protanomaly

58.8376, 0.3901, 0.3984

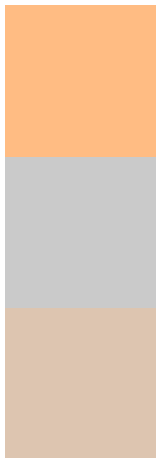
Deuteranomaly

58.6475, 0.4098, 0.3939

Tritanomaly

58.5195, 0.3845, 0.3418

Monochromacy



Original Color

58.8651, 0.4175, 0.3881

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.4392, 0.3484, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8651, 0.4175, 0.3881 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, 188, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 131)  
}
```

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, 188, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 131) }
```

Border

The CSS property to change the border of an element to Yxy 58.8651, 0.4175, 0.3881 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, 188, 131) }
```

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

```
.border{ border-color:rgb(255, 188, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8651, 0.4175, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 131) }
```

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

```
.background{ background-color: rgb(255,  
188, 131) }
```

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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