

Converting Colors

Yxy(55.8311, 0.4178, 0.3758)

Have a look what the booklet for
Yxy(55.8311, 0.4178, 0.3758)
contains.

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Color

Yxy(55.6801, 0.4177, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	FFB488
RGB	255, 180, 136
RGB Percent	100%, 71%, 53%
CMY	0.0000, 0.2941, 0.4668
CMYK	0.00, 0.29, 0.47, 0.00
HSL	22°, 100%, 77%
HSV	22°, 47%, 100%
XYZ	62.0037, 55.6801, 30.7569
YIQ	197.4090, 58.8240, 2.2160

Conversions

Conversions Part 2

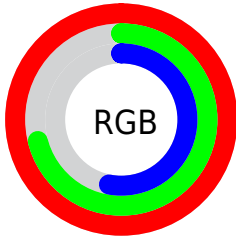
Format	Color
R_{YB}	255, 206, 136
Decimal	16757896
CIE _{Lab}	79.43, 22.30, 33.31
CIE _{LCh}	79, 40.084, 56.201
Yxy	55.6801, 0.4177, 0.3751
Android (android.graphics.Color)	4294947976 (0xFFFFB488)
YUV	197.4090, -30.2746, 50.5073
Hunter-Lab	74.6191, 17.7386, 27.7949

Details

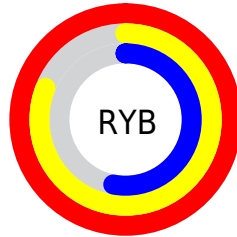
The Yxy color **55.6801, 0.4177, 0.3751** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.0162, 0.2408, 0.2761**, and the grayscale version is **56.2545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9686, 0.3557, 0.3754**, and **27.5864, 0.4445, 0.3828** is the 20% darker color. If you saturate the color by 10%, you get **48.9267, 0.4495, 0.3835**, and if you desaturate by 10%, it is **63.3622, 0.3890, 0.3653**.

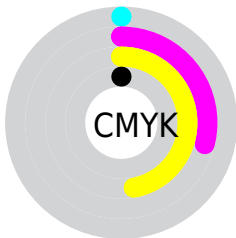
Distribution



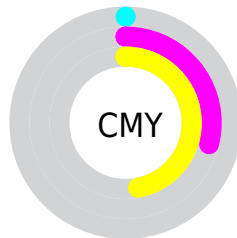
- Red (100%)
- Green (71%)
- Blue (53%)



- Red (100%)
- Yellow (81%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6801, 0.4177, 0.3751 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 55.6801, 0.4177, 0.3751 by changing the saturation by 10% instead.


 55.6801, 0.4177,
0.3751

 55.6801, 0.4177,
0.3751


408.4848, 0.3667,
0.3552


 39.9465, 0.4297,
0.3790


 98.5367, 0.3996,
0.3687

 27.4968, 0.4447,
0.3834


 126.4285, 0.3927,
0.3660

 17.9467, 0.4637,
0.3883


 159.1418, 0.3868,
0.3637

 10.9117, 0.4884,
0.3932

197.0610, 0.3817,
0.3616

 6.0075, 0.5212,
0.3968

240.5705, 0.3772,
0.3597

 2.8496, 0.5874,
0.4106

290.0547, 0.3733,

 1.0537, 0.6236,

0.3581

0.3764

345.8980, 0.3698,
0.3566

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6801, 0.4177,
0.3751

55.6801, 0.4177,
0.3751

48.9267, 0.4495,
0.3835

63.3622, 0.3890,
0.3653

43.0573, 0.4833,
0.3894

72.0018, 0.3638,
0.3551

38.0330, 0.5172,
0.3913

81.6346, 0.3421,
0.3449

33.8086, 0.5483,
0.3883

92.2924, 0.3236,
0.3352

■ 30.3328, 0.5739,
0.3800

100.0000, 0.3127,
0.3290

■ 29.3288, 0.5814,
0.3766

Harmonies

Analogous

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



55.6801, 0.4079, 0.3338



55.6801, 0.4177, 0.3751



55.6801, 0.3969, 0.4096

Triad

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



55.6801, 0.4177, 0.3751



55.6801, 0.2556, 0.3655



55.6801, 0.2664, 0.2470

Complementary

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



55.6801, 0.4177, 0.3751



59.0162, 0.2408, 0.2761

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.



55.6801, 0.2317, 0.2485



55.6801, 0.4177, 0.3751



55.6801, 0.2256, 0.3123

Square

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



55.6801, 0.4177, 0.3751



55.6801, 0.3022, 0.4096



55.6801, 0.2175, 0.2705



55.6801, 0.3164, 0.2635

Rectangle

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



55.6801, 0.4177, 0.3751



55.6801, 0.3701, 0.4229



55.6801, 0.2175, 0.2705



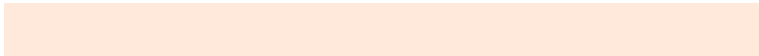
55.6801, 0.2527, 0.2453

Sweetspot

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



55.6823, 0.4177, 0.3751



84.3909, 0.3369, 0.3422



43.5783, 0.3586, 0.2527



17.5872, 0.3411, 0.3444



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.



55.6823, 0.4177, 0.3751



49.3587, 0.4472, 0.3830



84.8446, 0.3887, 0.4306



19.0878, 0.3285, 0.3378



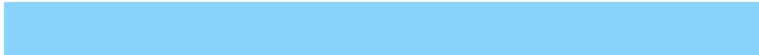
15.5857, 0.5784, 0.3790



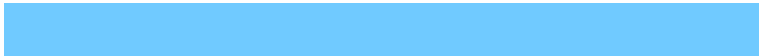
1.7181, 0.5569, 0.3960

Inverse Universe

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



59.0162, 0.2408, 0.2761



52.9945, 0.2281, 0.2632



34.8534, 0.2271, 0.2009



19.2852, 0.2979, 0.3200



17.3221, 0.1897, 0.2027



1.8958, 0.1941, 0.2187

Previews

White Background



This preview shows how the Yxy color 55.6801, 0.4177, 0.3751 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 55.6801, 0.4177, 0.3751 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 55.6801, 0.4177, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 55.6801, 0.4177, 0.3751.



This preview shows how white text looks on a background with the Yxy color 55.6801, 0.4177, 0.3751.

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

55.6801, 0.4177, 0.3751

Protanopia

55.9127, 0.3667, 0.3937

Deuteranopia

55.9493, 0.3982, 0.3902



Tritanopia

55.5078, 0.3738, 0.3166

Trichromacy



Original Color

55.6801, 0.4177, 0.3751

Protanomaly

55.6490, 0.3854, 0.3874

Deuteranomaly

55.9218, 0.4050, 0.3845

Tritanomaly

55.5314, 0.3905, 0.3387

Monochromacy



Original Color

55.6801, 0.4177, 0.3751

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2622, 0.3480, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6801, 0.4177, 0.3751 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, 180, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 136)  
}
```

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, 180, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 136) }
```

Border

The CSS property to change the border of an element to Yxy 55.6801, 0.4177, 0.3751 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, 180, 136) }
```

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

```
.border{ border-color:rgb(255, 180, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6801, 0.4177, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 136) }
```

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

```
.background{ background-color: rgb(255,  
180, 136) }
```

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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