

Converting Colors

$Y_{xy}(55.6310, 0.4102, 0.3651)$

Have a look what the booklet for
Yxy(55.6310, 0.4102, 0.3651)
contains.

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Color

Yxy(55.5445, 0.4104, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	FFB391
RGB	255, 179, 145
RGB Percent	100%, 70%, 57%
CMY	0.0000, 0.2980, 0.4315
CMYK	0.00, 0.30, 0.43, 0.00
HSL	19°, 100%, 78%
HSV	19°, 43%, 100%
XYZ	62.4704, 55.5445, 34.2035
YIQ	197.8480, 56.2100, 5.5380

Conversions

Conversions Part 2

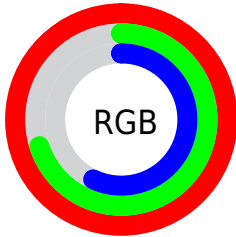
Format	Color
R_{YB}	255, 194, 145
Decimal	16757649
CIE _{Lab}	79.35, 23.72, 28.45
CIE _{LCh}	79, 37.037, 50.180
Yxy	55.5445, 0.4104, 0.3649
Android (android.graphics.Color)	4294947729 (0xFFFFB391)
YUV	197.8480, -26.0541, 50.1223
Hunter-Lab	74.5282, 19.1966, 24.9596

Details

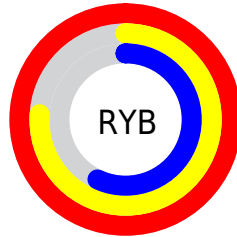
The Yxy color **55.5445, 0.4104, 0.3649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.9300, 0.2473, 0.2890**, and the grayscale version is **56.5098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8002, 0.3500, 0.3652**, and **27.4656, 0.4363, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **48.2311, 0.4432, 0.3724**, and if you desaturate by 10%, it is **63.9394, 0.3815, 0.3565**.

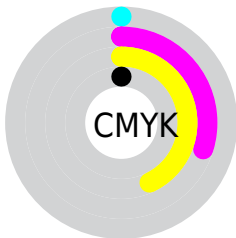
Distribution



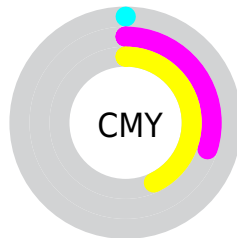
- Red (100%)
- Green (70%)
- Blue (57%)



- Red (100%)
- Yellow (76%)
- Blue (57%)



- Cyan (0%)
- Magenta (30%)
- Yellow (43%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5445, 0.4104, 0.3649 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 55.5445, 0.4104, 0.3649 by changing the saturation by 10% instead.


 55.5445, 0.4104,
0.3649


 55.5445, 0.4104,
0.3649


407.9726, 0.3627,
0.3495

 39.8378, 0.4218,
0.3679


 98.3383, 0.3934,
0.3599

 27.4121, 0.4360,
0.3713

 126.1942, 0.3869,
0.3579

 17.8830, 0.4543,
0.3751


158.8686, 0.3814,
0.3561

 10.8660, 0.4785,
0.3788

196.7460, 0.3766,
0.3545

 5.9768, 0.5114,
0.3816

240.2107, 0.3725,
0.3530

 2.8310, 0.5667,
0.3863

289.6471, 0.3688,

 1.0441, 0.6314,

0.3518

0.3686

345.4396, 0.3656,
0.3506

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5445, 0.4104,
0.3649

55.5445, 0.4104,
0.3649

48.2311, 0.4432,
0.3724

63.9394, 0.3815,
0.3565

41.9485, 0.4792,
0.3778

73.4537, 0.3566,
0.3478

36.6487, 0.5163,
0.3801

84.1296, 0.3355,
0.3394

32.2777, 0.5515,
0.3779

96.0054, 0.3177,
0.3314

■ 28.7752, 0.5811,
0.3709

100.0000, 0.3127,
0.3290

■ 26.8351, 0.5972,
0.3640

Harmonies

Analogous

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



55.5445, 0.3954, 0.3261



55.5445, 0.4104, 0.3649



55.5445, 0.3968, 0.3988

Triad

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



55.5445, 0.4104, 0.3649



55.5445, 0.2676, 0.3721



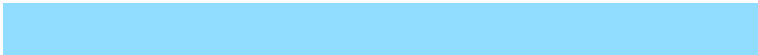
55.5445, 0.2619, 0.2514

Complementary

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



55.5445, 0.4104, 0.3649



64.9300, 0.2473, 0.2890

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.



55.5445, 0.2330, 0.2568



55.5445, 0.4104, 0.3649



55.5445, 0.2358, 0.3234

Square

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



55.5445, 0.4104, 0.3649



55.5445, 0.3130, 0.4084



55.5445, 0.2238, 0.2815



55.5445, 0.3063, 0.2636

Rectangle

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



55.5445, 0.4104, 0.3649



55.5445, 0.3744, 0.4134



55.5445, 0.2238, 0.2815



55.5445, 0.2503, 0.2511

Sweetspot

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



55.5462, 0.4104, 0.3649



84.2981, 0.3352, 0.3393



46.7747, 0.3469, 0.2514



17.5162, 0.3396, 0.3411



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.



55.5462, 0.4104, 0.3649



49.0186, 0.4393, 0.3716



81.5777, 0.3859, 0.4171



18.9035, 0.3287, 0.3364



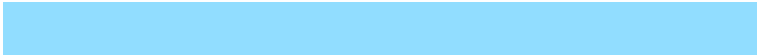
14.2534, 0.5943, 0.3663



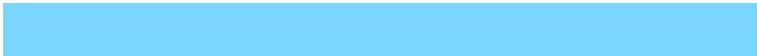
1.5721, 0.5722, 0.3839

Inverse Universe

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



64.9300, 0.2473, 0.2890



59.4703, 0.2355, 0.2791



40.8652, 0.2358, 0.2214



19.4775, 0.2980, 0.3215



20.2990, 0.1957, 0.2245



2.1709, 0.1994, 0.2378

Previews

White Background



This preview shows how the Yxy color 55.5445, 0.4104, 0.3649 looks on a white background.

Color Contrast Check

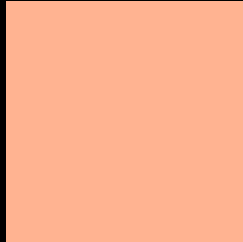
Large Text (above 18pt) WCAG AA × Fail

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 55.5445, 0.4104, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

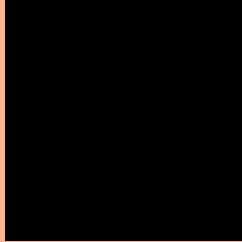
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5445, 0.4104, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 55.5445, 0.4104, 0.3649.



This preview shows how white text looks on a background with the Yxy color 55.5445, 0.4104, 0.3649.

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

55.5445, 0.4104, 0.3649

Protanopia

55.9341, 0.3572, 0.3820

Deuteranopia

55.7020, 0.3882, 0.3810



Tritanopia

55.5078, 0.3738, 0.3166

Trichromacy



Original Color

55.5445, 0.4104, 0.3649

Protanomaly

55.1977, 0.3759, 0.3753

Deuteranomaly

55.4123, 0.3962, 0.3743

Tritanomaly

55.2892, 0.3872, 0.3334

Monochromacy



Original Color

55.5445, 0.4104, 0.3649

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5763, 0.3456, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5445, 0.4104, 0.3649 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, 179, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 145)  
}
```

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, 179, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 145) }
```

Border

The CSS property to change the border of an element to Yxy 55.5445, 0.4104, 0.3649 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, 179, 145) }
```

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

```
.border{ border-color:rgb(255, 179, 145) }
```

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

Here you see how a box with a 4 pixel rgb(255, 179, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5445, 0.4104, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 145) }
```

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

```
.background{ background-color: rgb(255,  
179, 145) }
```

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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