

Converting Colors

Yxy(64.4932, 0.4289, 0.3436)

Have a look what the booklet for
Yxy(64.4932, 0.4289, 0.3436)
contains.

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Color

Yxy(55.7451, 0.3947, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2A3
RGB	255, 178, 163
RGB Percent	100%, 70%, 64%
CMY	0.0000, 0.3020, 0.3607
CMYK	0.00, 0.30, 0.36, 0.00
HSL	10°, 100%, 82%
HSV	10°, 36%, 100%
XYZ	63.7756, 55.7451, 42.0593
YIQ	199.3130, 50.7070, 11.6590

Conversions

Conversions Part 2

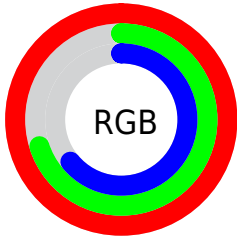
Format	Color
R _Y B	255, 181, 163
Decimal	16757411
CIE Lab	79.47, 26.23, 18.94
CIE LCh	79, 32.356, 35.838
Yxy	55.7451, 0.3947, 0.3450
Android (android.graphics.Color)	4294947491 (0xFFFFB2A3)
YUV	199.3130, -17.9023, 48.8375
Hunter-Lab	74.6626, 21.8122, 18.8644

Details

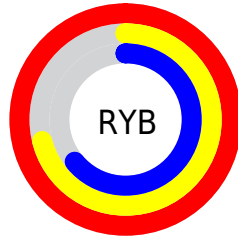
The Yxy color **55.7451, 0.3947, 0.3450** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.3433, 0.2596, 0.3121**, and the grayscale version is **57.4040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1676, 0.3375, 0.3450**, and **27.5507, 0.4166, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **47.0774, 0.4288, 0.3493**, and if you desaturate by 10%, it is **65.9205, 0.3660, 0.3404**.

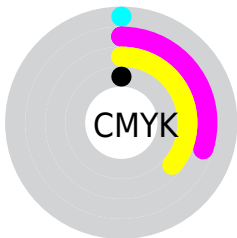
Distribution



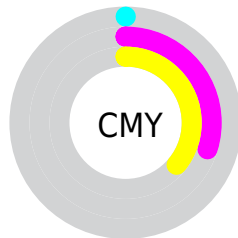
- Red (100%)
- Green (70%)
- Blue (64%)



- Red (100%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7451, 0.3947, 0.3450 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 55.7451, 0.3947, 0.3450 by changing the saturation by 10% instead.


 55.7451, 0.3947,
0.3450


 55.7451, 0.3947,
0.3450

408.7302, 0.3545,
0.3386

 39.9986, 0.4044,
0.3462


 98.6318, 0.3803,
0.3430

 27.5374, 0.4167,
0.3474


 126.5408, 0.3749,
0.3422

 17.9773, 0.4326,
0.3486


159.2727, 0.3702,
0.3414

 10.9337, 0.4541,
0.3496

197.2119, 0.3662,
0.3407

 6.0222, 0.4844,
0.3496

240.7429, 0.3627,
0.3401

 2.8586, 0.5295,
0.3464

290.2500, 0.3596,

 1.0584, 0.6438,

0.3395

0.3562

346.1176, 0.3569,
0.3390

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.7451, 0.3947,
0.3450

55.7451, 0.3947,
0.3450

47.0774, 0.4288,
0.3493

65.9205, 0.3660,
0.3404

39.8432, 0.4681,
0.3527

77.6685, 0.3423,
0.3358

33.9650, 0.5109,
0.3545

91.0532, 0.3228,
0.3315

29.3572, 0.5539,
0.3538

100.0000, 0.3127,
0.3290

■ 25.9241, 0.5916,
0.3500

■ 23.5556, 0.6187,
0.3434

■ 22.8821, 0.6264,
0.3408

Harmonies

Analogous

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



55.7451, 0.3704, 0.3109



55.7451, 0.3947, 0.3450



55.7451, 0.3949, 0.3778

Triad

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



55.7451, 0.3947, 0.3450



55.7451, 0.2916, 0.3836



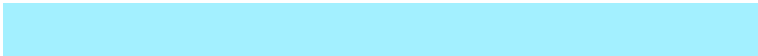
55.7451, 0.2539, 0.2608

Complementary

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



55.7451, 0.3947, 0.3450



77.3433, 0.2596, 0.3121

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.



55.7451, 0.2362, 0.2741



55.7451, 0.3947, 0.3450



55.7451, 0.2567, 0.3448

Square

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



55.7451, 0.3947, 0.3450



55.7451, 0.3338, 0.4045



55.7451, 0.2371, 0.3040



55.7451, 0.2874, 0.2642

Rectangle

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



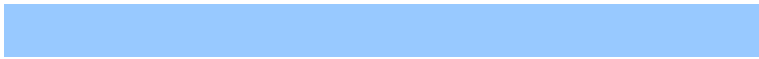
55.7451, 0.3947, 0.3450



55.7451, 0.3818, 0.3948



55.7451, 0.2371, 0.3040



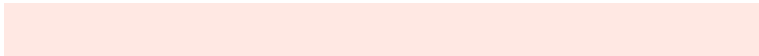
55.7451, 0.2460, 0.2633

Sweetspot

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



55.7458, 0.3947, 0.3450



84.2451, 0.3319, 0.3336



53.8258, 0.3281, 0.2514



17.6465, 0.3346, 0.3342



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.



55.7458, 0.3947, 0.3450



49.5820, 0.4177, 0.3480



76.5781, 0.3779, 0.3901



18.4646, 0.3290, 0.3329



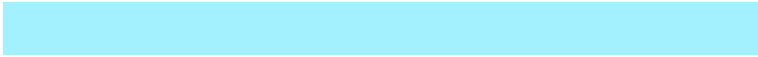
12.0961, 0.6242, 0.3426



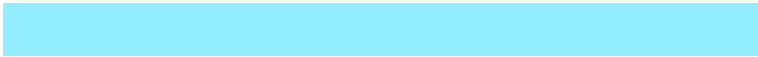
1.3070, 0.6051, 0.3577

Inverse Universe

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



77.3433, 0.2596, 0.3121



73.9247, 0.2507, 0.3083



54.1358, 0.2521, 0.2589



19.9481, 0.2980, 0.3250



28.9523, 0.2101, 0.2762



2.9474, 0.2119, 0.2828

Previews

White Background



This preview shows how the Yxy color 55.7451, 0.3947, 0.3450 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 55.7451, 0.3947, 0.3450 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 55.7451, 0.3947, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 55.7451, 0.3947, 0.3450.



This preview shows how white text looks on a background with the Yxy color 55.7451, 0.3947, 0.3450.

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

55.7451, 0.3947, 0.3450

Protanopia

56.1765, 0.3398, 0.3592

Deuteranopia

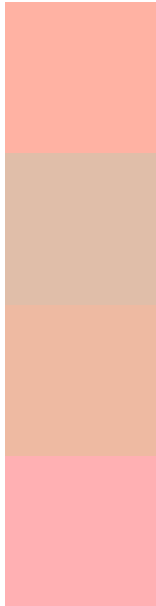
56.0581, 0.3694, 0.3623



Tritanopia

55.5508, 0.3729, 0.3156

Trichromacy



Original Color

55.7451, 0.3947, 0.3450

Protanomaly

55.5388, 0.3584, 0.3534

Deuteranomaly

55.9036, 0.3777, 0.3559

Tritanomaly

55.5653, 0.3808, 0.3261

Monochromacy



Original Color

55.7451, 0.3947, 0.3450

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.8668, 0.3399, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7451, 0.3947, 0.3450 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, 178, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 163)  
}
```

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, 178, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 163) }
```

Border

The CSS property to change the border of an element to Yxy 55.7451, 0.3947, 0.3450 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, 178, 163) }
```

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

```
.border{ border-color:rgb(255, 178, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7451, 0.3947, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 163) }
```

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

```
.background{ background-color: rgb(255,  
178, 163) }
```

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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