

Converting Colors

Yxy(56.9803, 0.3953, 0.3507)

Have a look what the booklet for
Yxy(56.9803, 0.3953, 0.3507)
contains.

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Color

Yxy(56.8810, 0.3953, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5A1
RGB	255, 181, 161
RGB Percent	100%, 71%, 63%
CMY	0.0001, 0.2901, 0.3687
CMYK	0.00, 0.29, 0.37, 0.00
HSL	13°, 100%, 82%
HSV	13°, 37%, 100%
XYZ	64.1880, 56.8810, 41.3090
YIQ	200.8460, 50.5240, 9.4680

Conversions

Conversions Part 2

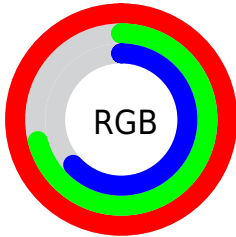
Format	Color
R _{YB}	255, 186, 161
Decimal	16758177
CIE Lab	80.11, 24.40, 20.93
CIE LCh	80, 32.141, 40.623
Yxy	56.8810, 0.3953, 0.3503
Android (android.graphics.Color)	4294948257 (0xFFFFB5A1)
YUV	200.8460, -19.6441, 47.4931
Hunter-Lab	75.4195, 19.9336, 20.3192

Details

The Yxy color **56.8810, 0.3953, 0.3503** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.1757, 0.2578, 0.3062**, and the grayscale version is **58.4096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7862, 0.3384, 0.3499**, and **28.2782, 0.4171, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **48.4930, 0.4284, 0.3559**, and if you desaturate by 10%, it is **66.6327, 0.3671, 0.3443**.

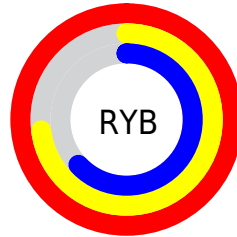
Distribution



Red (100%)

Green (71%)

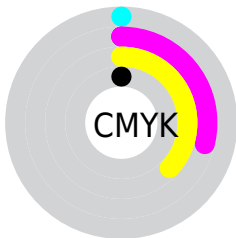
Blue (63%)



Red (100%)

Yellow (73%)

Blue (63%)

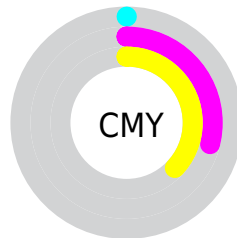


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8810, 0.3953, 0.3503 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 56.8810, 0.3953, 0.3503 by changing the saturation by 10% instead.


 56.8810, 0.3953,
0.3503


 56.8810, 0.3953,
0.3503


413.0033, 0.3550,
0.3414

 40.9097, 0.4050,
0.3520


 100.2915, 0.3809,
0.3474

 28.2485, 0.4172,
0.3540


 128.4996, 0.3754,
0.3463

 18.5131, 0.4330,
0.3561


161.5553, 0.3708,
0.3452

 11.3190, 0.4542,
0.3581

199.8431, 0.3667,
0.3443

 6.2818, 0.4838,
0.3596

243.7474, 0.3632,
0.3434

 3.0172, 0.5273,
0.3585

293.6526, 0.3601,

 1.1407, 0.6313,

0.3427

0.3687

349.9431, 0.3574,
0.3420

0.0125, 0.9799,
0.0201

0.0000, 0.0000,
0.0000

56.8810, 0.3953,
0.3503

56.8810, 0.3953,
0.3503

48.4930, 0.4284,
0.3559

66.6327, 0.3671,
0.3443

41.3994, 0.4662,
0.3604

77.7973, 0.3436,
0.3383

35.5368, 0.5071,
0.3629

90.4313, 0.3241,
0.3327

30.8333, 0.5481,
0.3623

99.9944, 0.3127,
0.3290

■ 27.2088, 0.5844,
0.3579

■ 24.5718, 0.6114,
0.3500

■ 23.9250, 0.6181,
0.3474

Harmonies

Analogous

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



56.8810, 0.3748, 0.3163



56.8810, 0.3953, 0.3503



56.8810, 0.3916, 0.3817

Triad

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



56.8810, 0.3953, 0.3503



56.8810, 0.2857, 0.3776



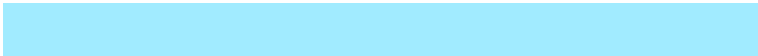
56.8810, 0.2590, 0.2611

Complementary

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



56.8810, 0.3953, 0.3503



74.1757, 0.2578, 0.3062

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.



56.8810, 0.2387, 0.2716



56.8810, 0.3953, 0.3503



56.8810, 0.2532, 0.3379

Square

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



56.8810, 0.3953, 0.3503



56.8810, 0.3269, 0.4018



56.8810, 0.2366, 0.2987



56.8810, 0.2942, 0.2670

Rectangle

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



56.8810, 0.3953, 0.3503



56.8810, 0.3765, 0.3971



56.8810, 0.2366, 0.2987



56.8810, 0.2504, 0.2627

Sweetspot

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



56.8837, 0.3953, 0.3503



85.0408, 0.3317, 0.3350



52.8069, 0.3324, 0.2539



17.8348, 0.3344, 0.3357



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.



56.8837, 0.3953, 0.3503



50.7702, 0.4184, 0.3544



78.6431, 0.3779, 0.3959



18.6144, 0.3289, 0.3341



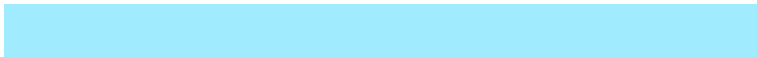
12.6784, 0.6156, 0.3494



1.3847, 0.5947, 0.3660

Inverse Universe

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



74.1757, 0.2578, 0.3062



70.2412, 0.2484, 0.3011



51.2686, 0.2498, 0.2513



19.7855, 0.2980, 0.3238



25.7407, 0.2052, 0.2587



2.6624, 0.2077, 0.2677

Previews

White Background



This preview shows how the Yxy color 56.8810, 0.3953, 0.3503 looks on a white background.

Color Contrast Check

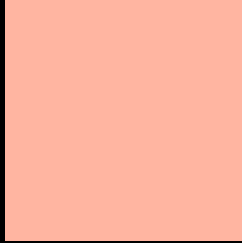
Large Text (above 18pt) WCAG AA × Fail

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 56.8810, 0.3953, 0.3503 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 56.8810, 0.3953, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 56.8810, 0.3953, 0.3503.

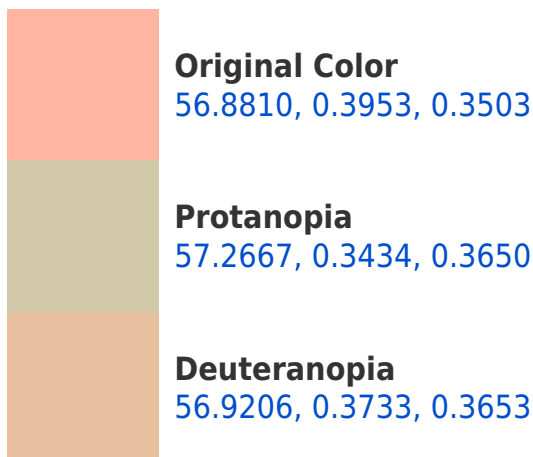


This preview shows how white text looks on a background with the Yxy color 56.8810, 0.3953, 0.3503.

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





Tritanopia

56.8624, 0.3694, 0.3156

Trichromacy



Original Color

56.8810, 0.3953, 0.3503

Protanomaly

56.6212, 0.3620, 0.3590

Deuteranomaly

56.6040, 0.3809, 0.3590

Tritanomaly

56.7955, 0.3790, 0.3281

Monochromacy



Original Color

56.8810, 0.3953, 0.3503

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.5009, 0.3411, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8810, 0.3953, 0.3503 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, 181, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 161)  
}
```

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, 181, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 161) }
```

Border

The CSS property to change the border of an element to Yxy 56.8810, 0.3953, 0.3503 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, 181, 161) }
```

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

```
.border{ border-color:rgb(255, 181, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8810, 0.3953, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 161) }
```

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

```
.background{ background-color: rgb(255,  
181, 161) }
```

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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