

Converting Colors

Yxy(56.8048, 0.3877, 0.3397)

Have a look what the booklet for
Yxy(56.8048, 0.3877, 0.3397)
contains.

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Color

Yxy(56.8048, 0.3877, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4AA
RGB	255, 180, 170
RGB Percent	100%, 71%, 67%
CMY	0.0000, 0.2942, 0.3333
CMYK	0.00, 0.29, 0.33, 0.00
HSL	7°, 100%, 83%
HSV	7°, 33%, 100%
XYZ	64.8314, 56.8048, 45.5843
YIQ	201.2850, 47.9100, 12.7900

Conversions

Conversions Part 2

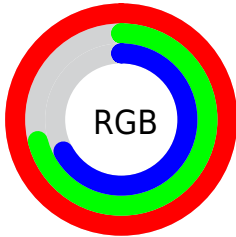
Format	Color
R _Y B	255, 181, 170
Decimal	16757930
CIE Lab	80.07, 26.04, 16.02
CIE LCh	80, 30.574, 31.599
Yxy	56.8048, 0.3877, 0.3397
Android (android.graphics.Color)	4294948010 (0xFFFFB4AA)
YUV	201.2850, -15.4235, 47.1081
Hunter-Lab	75.3690, 21.6477, 16.8988

Details

The Yxy color **56.8048, 0.3877, 0.3397** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.0922, 0.2638, 0.3179**, and the grayscale version is **58.6632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6871, 0.3326, 0.3399**, and **28.2225, 0.4068, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **47.5637, 0.4214, 0.3429**, and if you desaturate by 10%, it is **67.6955, 0.3596, 0.3363**.

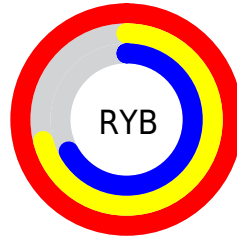
Distribution



Red (100%)

Green (71%)

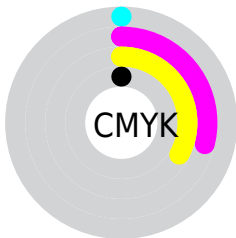
Blue (67%)



Red (100%)

Yellow (71%)

Blue (67%)

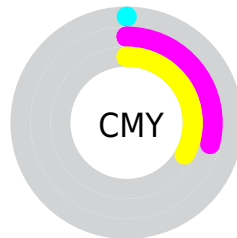


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8048, 0.3877, 0.3397 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 56.8048, 0.3877, 0.3397 by changing the saturation by 10% instead.


 56.8048, 0.3877,
0.3397

 56.8048, 0.3877,
0.3397


412.7175, 0.3511,
0.3356

 40.8485, 0.3965,
0.3404


 100.1803, 0.3746,
0.3385

 28.2008, 0.4077,
0.3411


128.3684, 0.3696,
0.3379

 18.4770, 0.4222,
0.3417


161.4024, 0.3654,
0.3374

 11.2930, 0.4418,
0.3420

199.6670, 0.3617,
0.3370

 6.2643, 0.4696,
0.3413

243.5464, 0.3585,
0.3366

 3.0064, 0.5113,
0.3381

293.4250, 0.3557,

 1.1351, 0.6213,

0.3362

0.3498

349.6872, 0.3533,
0.3359

0.0077, 0.9881,
0.0119

0.0000, 0.0000,
0.0000

56.8048, 0.3877,
0.3397

56.8048, 0.3877,
0.3397

47.5637, 0.4214,
0.3429

67.6955, 0.3596,
0.3363

39.9101, 0.4609,
0.3456

80.3321, 0.3367,
0.3331

33.7484, 0.5048,
0.3471

94.7794, 0.3181,
0.3300

28.9806, 0.5497,
0.3468

100.0000, 0.3127,
0.3290

■ 25.4972, 0.5901,
0.3443

■ 23.1717, 0.6197,
0.3396

■ 22.1839, 0.6321,
0.3363

Harmonies

Analogous

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



56.8048, 0.3622, 0.3078



56.8048, 0.3877, 0.3397



56.8048, 0.3913, 0.3712

Triad

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



56.8048, 0.3877, 0.3397



56.8048, 0.2985, 0.3841



56.8048, 0.2539, 0.2655

Complementary

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



56.8048, 0.3877, 0.3397



81.0922, 0.2638, 0.3179

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.



56.8048, 0.2396, 0.2806



56.8048, 0.3877, 0.3397



56.8048, 0.2640, 0.3495

Square

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



56.8048, 0.3877, 0.3397



56.8048, 0.3383, 0.4006



56.8048, 0.2430, 0.3107



56.8048, 0.2838, 0.2665

Rectangle

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



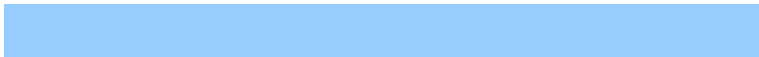
56.8048, 0.3877, 0.3397



56.8048, 0.3810, 0.3882



56.8048, 0.2430, 0.3107



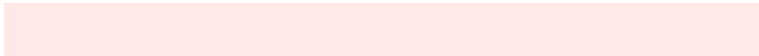
56.8048, 0.2473, 0.2688

Sweetspot

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



56.7982, 0.3877, 0.3397



84.9350, 0.3301, 0.3320



56.6128, 0.3244, 0.2547



17.7582, 0.3329, 0.3325



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.



56.7982, 0.3877, 0.3397



50.4568, 0.4095, 0.3419



76.6300, 0.3732, 0.3827



18.3300, 0.3292, 0.3319



11.6992, 0.6304, 0.3376



1.2439, 0.6141, 0.3506

Inverse Universe

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



81.0922, 0.2638, 0.3179



78.1156, 0.2553, 0.3153



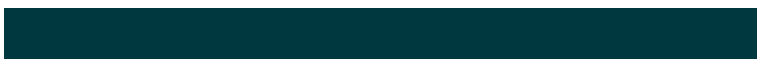
58.2873, 0.2575, 0.2685



20.0962, 0.2980, 0.3261



32.0814, 0.2143, 0.2915



3.2222, 0.2156, 0.2962

Previews

White Background



This preview shows how the Yxy color 56.8048, 0.3877, 0.3397 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 56.8048, 0.3877, 0.3397 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 56.8048, 0.3877, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 56.8048, 0.3877, 0.3397.

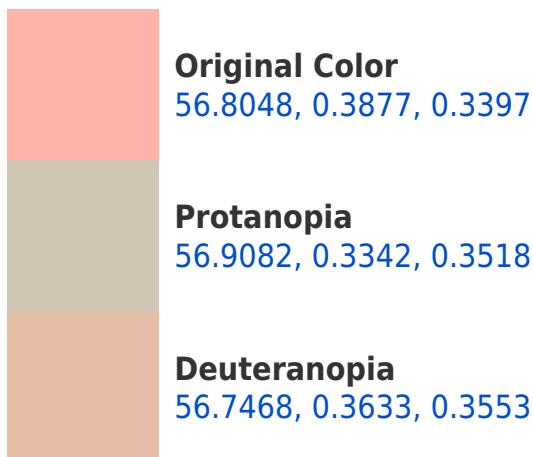


This preview shows how white text looks on a background with the Yxy color 56.8048, 0.3877, 0.3397.

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

56.8048, 0.3877, 0.3397

Protanomaly

56.2435, 0.3523, 0.3464

Deuteranomaly

56.5824, 0.3714, 0.3491

Tritanomaly

56.9191, 0.3763, 0.3250

Monochromacy



Original Color

56.8048, 0.3877, 0.3397

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.2298, 0.3381, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8048, 0.3877, 0.3397 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 170) }
```

Border

The CSS property to change the border of an element to Yxy 56.8048, 0.3877, 0.3397 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, 170) }
```

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

```
.border{ border-color:rgb(255, 180, 170) }
```

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, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8048, 0.3877, 0.3397 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
180, 170) }
```

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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