

Converting Colors

$Yxy(70.6980, 0.4369, 0.3355)$

Have a look what the booklet for
Yxy(70.6980, 0.4369, 0.3355)
contains.

Yxy(56.8811, 0.3859, 0.3376)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.8811, 0.3859, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4AC
RGB	255, 180, 172
RGB Percent	100%, 71%, 67%
CMY	0.0000, 0.2942, 0.3254
CMYK	0.00, 0.29, 0.33, 0.00
HSL	6°, 100%, 84%
HSV	6°, 33%, 100%
XYZ	65.0190, 56.8811, 46.5866
YIQ	201.5130, 47.2680, 13.4120

Conversions

Conversions Part 2

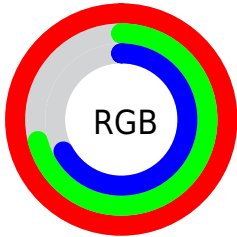
Format	Color
R _Y B	255, 181, 172
Decimal	16757932
CIE Lab	80.11, 26.28, 15.01
CIE LCh	80, 30.262, 29.726
Yxy	56.8811, 0.3859, 0.3376
Android (android.graphics.Color)	4294948012 (0xFFFFB4AC)
YUV	201.5130, -14.5499, 46.9081
Hunter-Lab	75.4196, 21.9002, 16.1703

Details

The Yxy color **56.8811, 0.3859, 0.3376** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.5274, 0.2651, 0.3201**, and the grayscale version is **58.8087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7970, 0.3313, 0.3379**, and **28.4051, 0.4055, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **47.4444, 0.4197, 0.3403**, and if you desaturate by 10%, it is **68.0437, 0.3580, 0.3348**.

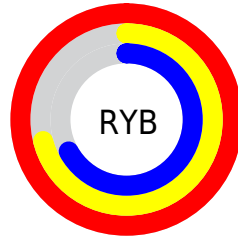
Distribution



Red (100%)

Green (71%)

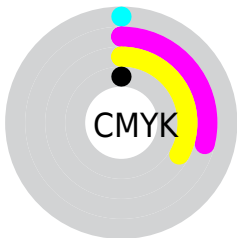
Blue (67%)



Red (100%)

Yellow (71%)

Blue (67%)

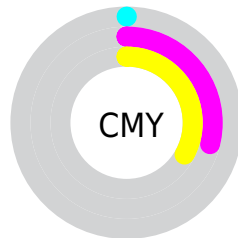


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8811, 0.3859, 0.3376 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 56.8811, 0.3859, 0.3376 by changing the saturation by 10% instead.


 56.8811, 0.3859,
0.3376

 56.8811, 0.3859,
0.3376


413.0036, 0.3501,
0.3344

 40.9098, 0.3945,
0.3381


 100.2917, 0.3731,
0.3367

 28.2486, 0.4054,
0.3385


128.4997, 0.3683,
0.3363

 18.5131, 0.4196,
0.3388


161.5555, 0.3641,
0.3359

 11.3190, 0.4388,
0.3388

199.8433, 0.3606,
0.3356

 6.2818, 0.4659,
0.3377

243.7477, 0.3574,
0.3352

 3.0172, 0.5070,
0.3340

293.6529, 0.3547,

 1.1407, 0.6082,

0.3350

0.3410

349.9434, 0.3523,
0.3347

0.0125, 0.9813,
0.0187

0.0000, 0.0000,
0.0000

56.8811, 0.3859,
0.3376

56.8811, 0.3859,
0.3376

47.4444, 0.4197,
0.3403

68.0437, 0.3580,
0.3348

39.6604, 0.4594,
0.3425

81.0274, 0.3352,
0.3321

33.4297, 0.5038,
0.3438

95.9034, 0.3168,
0.3296

28.6476, 0.5495,
0.3436

100.0000, 0.3127,
0.3290

■ 25.1968, 0.5907,
0.3415

■ 22.9413, 0.6208,
0.3377

■ 21.9345, 0.6342,
0.3346

Harmonies

Analogous

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



56.8811, 0.3596, 0.3062



56.8811, 0.3859, 0.3376



56.8811, 0.3909, 0.3690

Triad

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



56.8811, 0.3859, 0.3376



56.8811, 0.3010, 0.3851



56.8811, 0.2532, 0.2666

Complementary

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



56.8811, 0.3859, 0.3376



82.5274, 0.2651, 0.3201

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.



56.8811, 0.2400, 0.2826



56.8811, 0.3859, 0.3376



56.8811, 0.2663, 0.3517

Square

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



56.8811, 0.3859, 0.3376



56.8811, 0.3404, 0.4001



56.8811, 0.2445, 0.3132



56.8811, 0.2819, 0.2666

Rectangle

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



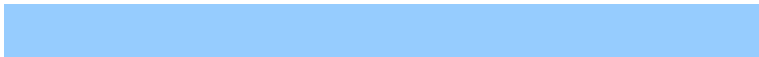
56.8811, 0.3859, 0.3376



56.8811, 0.3816, 0.3862



56.8811, 0.2445, 0.3132



56.8811, 0.2469, 0.2702

Sweetspot

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



56.8764, 0.3859, 0.3376



84.6308, 0.3302, 0.3315



57.5516, 0.3219, 0.2539



17.6853, 0.3329, 0.3318



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.



56.8764, 0.3859, 0.3376



50.5947, 0.4070, 0.3394



75.6466, 0.3724, 0.3787



18.2677, 0.3292, 0.3313



11.5539, 0.6327, 0.3358



1.2146, 0.6185, 0.3471

Inverse Universe

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



82.5274, 0.2651, 0.3201



79.8150, 0.2569, 0.3181



60.4188, 0.2592, 0.2735



20.1653, 0.2980, 0.3266



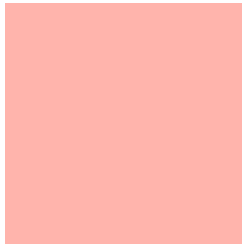
33.6088, 0.2163, 0.2985



3.3555, 0.2173, 0.3023

Previews

White Background



This preview shows how the Yxy color 56.8811, 0.3859, 0.3376 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 56.8811, 0.3859, 0.3376 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 56.8811, 0.3859, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 56.8811, 0.3859, 0.3376.



This preview shows how white text looks on a background with the Yxy color 56.8811, 0.3859, 0.3376.

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

56.8811, 0.3859, 0.3376

Protanopia

56.9898, 0.3327, 0.3494

Deuteranopia

57.2596, 0.3613, 0.3542



Tritanopia

56.8624, 0.3694, 0.3156

Trichromacy



Original Color

56.8811, 0.3859, 0.3376

Protanomaly

56.3232, 0.3507, 0.3441

Deuteranomaly

57.0839, 0.3694, 0.3480

Tritanomaly

56.9609, 0.3754, 0.3239

Monochromacy



Original Color

56.8811, 0.3859, 0.3376

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.7173, 0.3371, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8811, 0.3859, 0.3376 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 172) }
```

Border

The CSS property to change the border of an element to Yxy 56.8811, 0.3859, 0.3376 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, 172) }
```

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

```
.border{ border-color:rgb(255, 180, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8811, 0.3859, 0.3376 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, 172) }
```

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

```
.background{ background-color: rgb(255,  
180, 172) }
```

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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