

Converting Colors

$Y_{xy}(100.0000, 0.4958, 0.3316)$

Have a look what the booklet for
Yxy(100.0000, 0.4958, 0.3316)
contains.

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Color

Yxy(56.5953, 0.3835, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3AF
RGB	255, 179, 175
RGB Percent	100%, 70%, 69%
CMY	0.0000, 0.2980, 0.3137
CMYK	0.00, 0.30, 0.31, 0.00
HSL	3°, 100%, 84%
HSV	3°, 31%, 100%
XYZ	65.0999, 56.5953, 48.0568
YIQ	201.2680, 46.5800, 14.8680

Conversions

Conversions Part 2

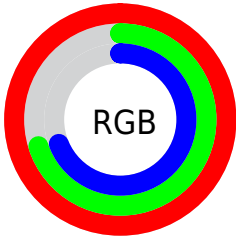
Format	Color
R _Y B	255, 179, 175
Decimal	16757679
CIE Lab	79.95, 27.16, 13.16
CIE LCh	80, 30.178, 25.851
Yxy	56.5953, 0.3835, 0.3334
Android (android.graphics.Color)	4294947759 (0xFFFFB3AF)
YUV	201.2680, -12.9501, 47.1230
Hunter-Lab	75.2298, 22.8121, 14.7865

Details

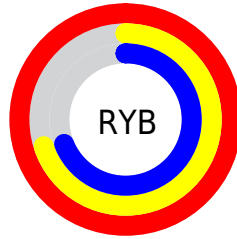
The Yxy color **56.5953, 0.3835, 0.3334** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3364, 0.2671, 0.3245**, and the grayscale version is **58.6452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4462, 0.3289, 0.3330**, and **28.2221, 0.4023, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **46.8144, 0.4176, 0.3348**, and if you desaturate by 10%, it is **68.2756, 0.3556, 0.3319**.

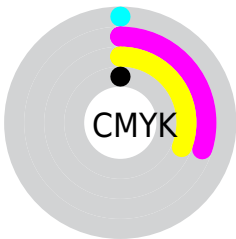
Distribution



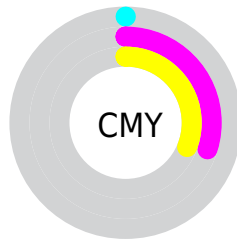
- Red (100%)
- Green (70%)
- Blue (69%)



- Red (100%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (30%)
- Yellow (31%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5953, 0.3835, 0.3334 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 56.5953, 0.3835, 0.3334 by changing the saturation by 10% instead.

 56.5953, 0.3835,
0.3334

 56.5953, 0.3835,
0.3334


411.9311, 0.3489,
0.3322

 40.6804, 0.3919,
0.3334


 99.8744, 0.3711,
0.3332

 28.0694, 0.4024,
0.3334


128.0075, 0.3664,
0.3330

 18.3780, 0.4162,
0.3330


160.9820, 0.3624,
0.3328

 11.2217, 0.4349,
0.3322

199.1825, 0.3590,
0.3327

 6.2162, 0.4614,
0.3302

242.9932, 0.3560,
0.3326

 2.9770, 0.5017,
0.3252

292.7986, 0.3533,

 1.1197, 0.5935,

0.3324

0.3253

348.9831, 0.3510,
0.3323

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5953, 0.3835,
0.3334

56.5953, 0.3835,
0.3334

46.8144, 0.4176,
0.3348

68.2756, 0.3556,
0.3319

38.8269, 0.4582,
0.3360

81.9417, 0.3330,
0.3305

32.5256, 0.5038,
0.3368

97.6824, 0.3149,
0.3292

27.7896, 0.5509,
0.3367

100.0000, 0.3127,
0.3290

■ 24.4817, 0.5932,
0.3356

■ 22.4413, 0.6236,
0.3336

■ 21.5407, 0.6376,
0.3319

Harmonies

Analogous

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



56.5953, 0.3550, 0.3025



56.5953, 0.3835, 0.3334



56.5953, 0.3915, 0.3652

Triad

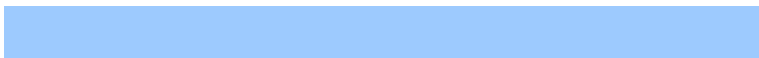
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.5953, 0.3835, 0.3334



56.5953, 0.3061, 0.3882



56.5953, 0.2506, 0.2679

Complementary

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



56.5953, 0.3835, 0.3334



85.3364, 0.2671, 0.3245

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.



56.5953, 0.2396, 0.2858



56.5953, 0.3835, 0.3334



56.5953, 0.2702, 0.3566

Square

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



56.5953, 0.3835, 0.3334



56.5953, 0.3453, 0.4003



56.5953, 0.2465, 0.3180



56.5953, 0.2775, 0.2658

Rectangle

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



56.5953, 0.3835, 0.3334



56.5953, 0.3841, 0.3832



56.5953, 0.2465, 0.3180



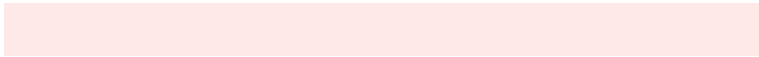
56.5953, 0.2450, 0.2721

Sweetspot

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



56.5973, 0.3835, 0.3334



85.4772, 0.3284, 0.3302



58.9748, 0.3184, 0.2531



17.8275, 0.3312, 0.3304



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.



56.5973, 0.3835, 0.3334



49.9027, 0.4054, 0.3344



74.3292, 0.3711, 0.3729



18.1322, 0.3293, 0.3302



11.3159, 0.6366, 0.3327



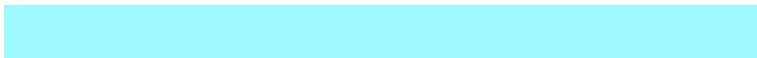
1.1507, 0.6285, 0.3391

Inverse Universe

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



85.3364, 0.2671, 0.3245



82.9742, 0.2589, 0.3235



63.5931, 0.2618, 0.2805



20.3169, 0.2980, 0.3278



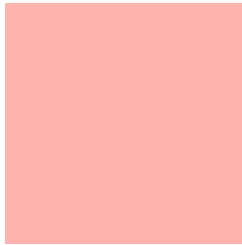
37.1101, 0.2204, 0.3133



3.6591, 0.2209, 0.3152

Previews

White Background



This preview shows how the Yxy color 56.5953, 0.3835, 0.3334 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 56.5953, 0.3835, 0.3334 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 56.5953, 0.3835, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 56.5953, 0.3835, 0.3334.



This preview shows how white text looks on a background with the Yxy color 56.5953, 0.3835, 0.3334.

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

56.5953, 0.3835, 0.3334

Protanopia

56.8701, 0.3280, 0.3446

Deuteranopia

56.6096, 0.3574, 0.3497



Tritanopia

56.4220, 0.3706, 0.3156

Trichromacy



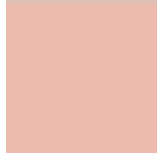
Original Color

56.5953, 0.3835, 0.3334



Protanomaly

56.2858, 0.3474, 0.3406



Deuteranomaly

56.6012, 0.3663, 0.3436



Tritanomaly

56.6036, 0.3748, 0.3218

Monochromacy



Original Color

56.5953, 0.3835, 0.3334



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

57.3179, 0.3365, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5953, 0.3835, 0.3334 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 175) }
```

Border

The CSS property to change the border of an element to Yxy 56.5953, 0.3835, 0.3334 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, 175) }
```

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

```
.border{ border-color:rgb(255, 179, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5953, 0.3835, 0.3334 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
179, 175) }
```

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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