

Converting Colors

Yxy(56.5068, 0.3081, 0.3655)

Have a look what the booklet for
Yxy(56.5068, 0.3081, 0.3655)
contains.

Yxy(56.3556, 0.3080, 0.3650)	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(56.3556, 0.3080, 0.3650)

Conversions

Conversions Part 1

Format	Color
Hex	AECEB2
RGB	174, 206, 178
RGB Percent	68%, 81%, 70%
CMY	0.3178, 0.1921, 0.3020
CMYK	0.16, 0.00, 0.14, 0.19
HSL	128°, 25%, 75%
HSV	128°, 16%, 81%
XYZ	47.5549, 56.3556, 50.4884
YIQ	193.2400, -10.0840, -15.4920

Conversions

Conversions Part 2

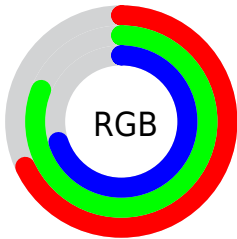
Format	Color
RYB	174, 202, 206
Decimal	11456178
CIELab	79.82, -16.06, 10.40
CIELCh	80, 19.134, 147.080
Yxy	56.3556, 0.3080, 0.3650
Android (android.graphics.Color)	4289646258 (0xFFAECEB2)
YUV	193.2400, -7.5133, -16.8735
Hunter-Lab	75.0704, -18.2987, 12.6739

Details

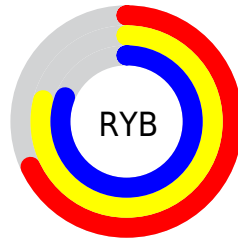
The Yxy color **56.3556, 0.3080, 0.3650** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.6422, 0.3178, 0.2955**, and the grayscale version is **53.5230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2835, 0.3093, 0.3503**, and **28.0021, 0.3066, 0.3763** is the 20% darker color. If you saturate the color by 10%, you get **53.4948, 0.3049, 0.3919**, and if you desaturate by 10%, it is **59.6790, 0.3111, 0.3411**.

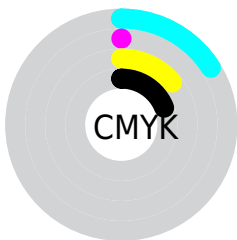
Distribution



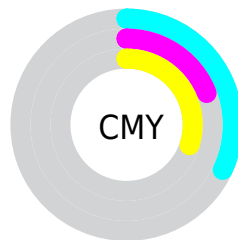
- Red (68%)
- Green (81%)
- Blue (70%)



- Red (68%)
- Yellow (79%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)





- Cyan (32%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3556, 0.3080, 0.3650 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 56.3556, 0.3080, 0.3650 by changing the saturation by 10% instead.


 56.3556, 0.3080,
0.3650

 56.3556, 0.3080,
0.3650


411.0302, 0.3105,
0.3471

 40.4881, 0.3073,
0.3694


 99.5243, 0.3089,
0.3585

 27.9193, 0.3065,
0.3751


127.5943, 0.3093,
0.3561

 18.2648, 0.3053,
0.3825


160.5006, 0.3096,
0.3540

 11.1403, 0.3035,
0.3929

198.6276, 0.3098,
0.3523

 6.1613, 0.3008,
0.4082

242.3596, 0.3100,
0.3507

 2.9434, 0.2960,
0.4329

292.0812, 0.3102,

 1.1023, 0.2914,

0.3494

0.5012

348.1766, 0.3104,
0.3482

0.0000, 0.0000,
0.0000

56.3556, 0.3080,
0.3650

56.3556, 0.3080,
0.3650

53.4948, 0.3049,
0.3919

59.6790, 0.3111,
0.3411

51.0692, 0.3020,
0.4215

63.4767, 0.3140,
0.3200

49.0596, 0.2993,
0.4530

67.7689, 0.3168,
0.3017

47.4425, 0.2971,
0.4854

72.3133, 0.3184,
0.2858

46.1919, 0.2957,
0.5169

72.6302, 0.3150,
0.2811

■ 45.2789, 0.2952,
0.5453

■ 44.6700, 0.2957,
0.5688

■ 44.3244, 0.2970,
0.5857

■ 44.2246, 0.2975,
0.5910

Harmonies

Analogous

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



56.3556, 0.3330, 0.3735



56.3556, 0.3080, 0.3650



56.3556, 0.2849, 0.3455

Triad

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



56.3556, 0.3080, 0.3650



56.3556, 0.2731, 0.2894



56.3556, 0.3578, 0.3335

Complementary

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



56.3556, 0.3080, 0.3650



47.6422, 0.3178, 0.2955

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.



56.3556, 0.3405, 0.3128



56.3556, 0.3080, 0.3650



56.3556, 0.2913, 0.2879

Square

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



56.3556, 0.3080, 0.3650



56.3556, 0.2653, 0.3013



56.3556, 0.3159, 0.2964



56.3556, 0.3625, 0.3540

Rectangle

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



56.3556, 0.3080, 0.3650



56.3556, 0.2735, 0.3297



56.3556, 0.3159, 0.2964



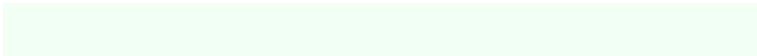
56.3556, 0.3533, 0.3264

Sweetspot

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



56.3580, 0.3080, 0.3650



96.9645, 0.3112, 0.3399



59.7994, 0.3329, 0.3677



20.6665, 0.3110, 0.3415



0.0000, 0.0000, 0.0000



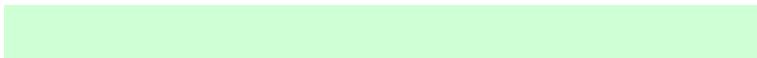
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.3580, 0.3080, 0.3650



89.5074, 0.3069, 0.3745



57.0265, 0.2974, 0.3445



12.5596, 0.3099, 0.3499



27.2354, 0.2971, 0.5895



1.4128, 0.2895, 0.5622

Inverse Universe

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



47.6422, 0.3178, 0.2955



72.5008, 0.3192, 0.2873



46.9347, 0.3310, 0.3140



11.3785, 0.3157, 0.3090



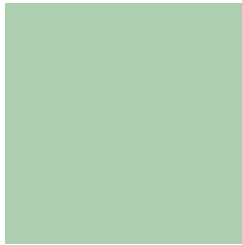
10.1199, 0.3552, 0.1730



0.5291, 0.3476, 0.1688

Previews

White Background



This preview shows how the Yxy color 56.3556, 0.3080, 0.3650 looks on a white background.

Color Contrast Check

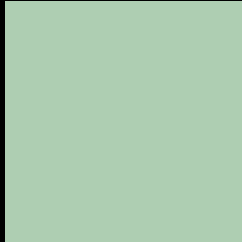
Large Text (above 18pt) WCAG AA × Fail

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 56.3556, 0.3080, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

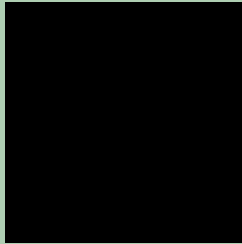
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

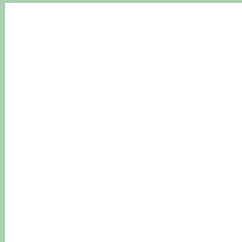
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3556, 0.3080, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 56.3556, 0.3080, 0.3650.

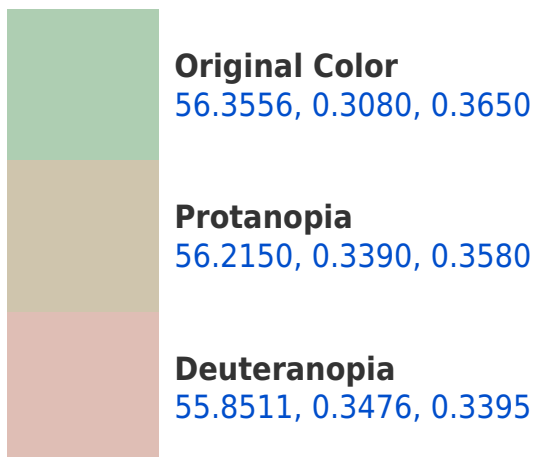


This preview shows how white text looks on a background with the Yxy color 56.3556, 0.3080, 0.3650.

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

56.4345, 0.2868, 0.3107

Trichromacy



Original Color

56.3556, 0.3080, 0.3650

Protanomaly

56.0058, 0.3271, 0.3600

Deuteranomaly

55.7543, 0.3321, 0.3484

Tritanomaly

56.4411, 0.2947, 0.3302

Monochromacy



Original Color

56.3556, 0.3080, 0.3650

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.4581, 0.3106, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3556, 0.3080, 0.3650 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(174, 206, 178)` looks like.

```
.text, #text, p{  
    color:rgb(174, 206, 178)  
}
```

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(174, 206, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 206, 178) }
```

Border

The CSS property to change the border of an element to Yxy 56.3556, 0.3080, 0.3650 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(174, 206, 178) }
```

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

```
.border{ border-color:rgb(174, 206, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 206, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 206, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 206, 178);  
box-shadow:4px 4px 4px 4px rgb(174, 206,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3556, 0.3080, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 206, 178) }
```

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

```
.background{ background-color: rgb(174,  
206, 178) }
```

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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