

Converting Colors

Yxy(56.6813, 0.3058, 0.3482)

Have a look what the booklet for
Yxy(56.6813, 0.3058, 0.3482)
contains.

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Color

Yxy(56.6836, 0.3058, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	B5CCBD
RGB	181, 204, 189
RGB Percent	71%, 80%, 74%
CMY	0.2901, 0.2000, 0.2588
CMYK	0.11, 0.00, 0.07, 0.20
HSL	141°, 18%, 75%
HSV	141°, 11%, 80%
XYZ	49.8385, 56.6836, 56.4554
YIQ	195.4130, -8.8930, -9.5410

Conversions

Conversions Part 2

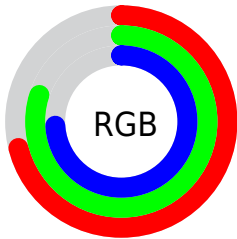
Format	Color
R _{YB}	181, 198, 204
Decimal	11914429
CIE Lab	80.00, -10.61, 4.85
CIE LCh	80, 11.661, 155.446
Yxy	56.6836, 0.3058, 0.3478
Android (android.graphics.Color)	4290104509 (0xFFB5CCBD)
YUV	195.4130, -3.1616, -12.6402
Hunter-Lab	75.2885, -13.5937, 8.2431

Details

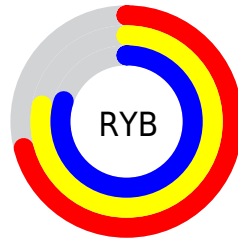
The Yxy color **56.6836, 0.3058, 0.3478** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8835, 0.3204, 0.3109**, and the grayscale version is **54.8593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1171, 0.3073, 0.3389**, and **28.1795, 0.3036, 0.3527** is the 20% darker color. If you saturate the color by 10%, you get **53.8450, 0.2998, 0.3667**, and if you desaturate by 10%, it is **59.9412, 0.3119, 0.3310**.

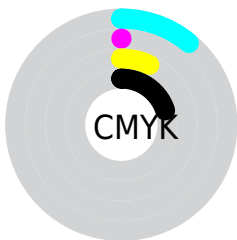
Distribution



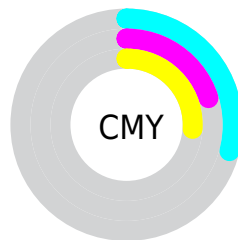
- Red (71%)
- Green (80%)
- Blue (74%)



- Red (71%)
- Yellow (78%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)





- Cyan (29%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6836, 0.3058, 0.3478 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 56.6836, 0.3058, 0.3478 by changing the saturation by 10% instead.

 56.6836, 0.3058,
0.3478

 56.6836, 0.3058,
0.3478


412.2627, 0.3092,
0.3386

 40.7513, 0.3050,
0.3501


 100.0034, 0.3070,
0.3445

 28.1248, 0.3039,
0.3529


128.1596, 0.3075,
0.3432

 18.4197, 0.3025,
0.3567


161.1593, 0.3079,
0.3422

 11.2518, 0.3006,
0.3618

199.3867, 0.3082,
0.3413

 6.2364, 0.2977,
0.3694

243.2264, 0.3085,
0.3405

 2.9894, 0.2932,
0.3814

293.0627, 0.3088,

 1.1262, 0.2848,

0.3398

0.4042

349.2800, 0.3090,
0.3391

0.0001, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.6836, 0.3058,
0.3478

56.6836, 0.3058,
0.3478

53.8450, 0.2998,
0.3667

59.9412, 0.3119,
0.3310

51.4013, 0.2941,
0.3876

63.6268, 0.3180,
0.3161

49.3364, 0.2890,
0.4104

67.7577, 0.3240,
0.3031

47.6308, 0.2848,
0.4347

70.8731, 0.3240,
0.2910

■ 46.2629, 0.2819,
0.4599

■ 71.6648, 0.3151,
0.2792

■ 45.2087, 0.2805,
0.4852

■ 44.4409, 0.2809,
0.5095

■ 43.9272, 0.2830,
0.5317

■ 43.6367, 0.2858,
0.5489

Harmonies

Analogous

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



56.6836, 0.3212, 0.3550



56.6836, 0.3058, 0.3478



56.6836, 0.2925, 0.3352

Triad

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



56.6836, 0.3058, 0.3478



56.6836, 0.2910, 0.3037



56.6836, 0.3416, 0.3358

Complementary

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



56.6836, 0.3058, 0.3478



49.8835, 0.3204, 0.3109

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.



56.6836, 0.3332, 0.3226



56.6836, 0.3058, 0.3478



56.6836, 0.3037, 0.3044

Square

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



56.6836, 0.3058, 0.3478



56.6836, 0.2841, 0.3097



56.6836, 0.3192, 0.3113



56.6836, 0.3421, 0.3476

Rectangle

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



56.6836, 0.3058, 0.3478



56.6836, 0.2865, 0.3257



56.6836, 0.3192, 0.3113



56.6836, 0.3396, 0.3314

Sweetspot

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



56.6860, 0.3058, 0.3478



98.2602, 0.3108, 0.3338



58.3038, 0.3233, 0.3570



20.9346, 0.3103, 0.3351



0.0000, 0.0000, 0.0000



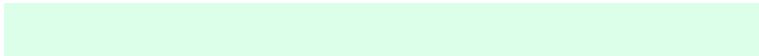
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6860, 0.3058, 0.3478



92.4349, 0.3040, 0.3531



57.1901, 0.2982, 0.3337



12.6002, 0.3069, 0.3445



27.4820, 0.2851, 0.5463



1.4320, 0.2737, 0.5055

Inverse Universe

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



49.8835, 0.3204, 0.3109



78.5276, 0.3226, 0.3061



49.3933, 0.3295, 0.3244



11.3351, 0.3190, 0.3140



9.1681, 0.4316, 0.2151



0.4869, 0.4046, 0.2003

Previews

White Background



This preview shows how the Yxy color 56.6836, 0.3058, 0.3478 looks on a white background.

Color Contrast Check

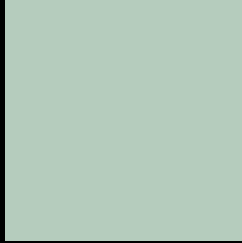
Large Text (above 18pt) WCAG AA × Fail

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 56.6836, 0.3058, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

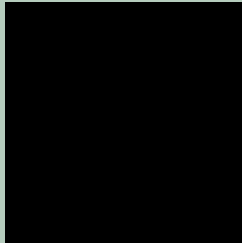
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

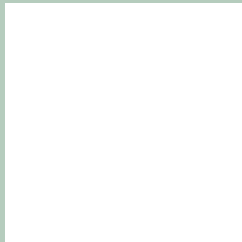
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6836, 0.3058, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 56.6836, 0.3058, 0.3478.

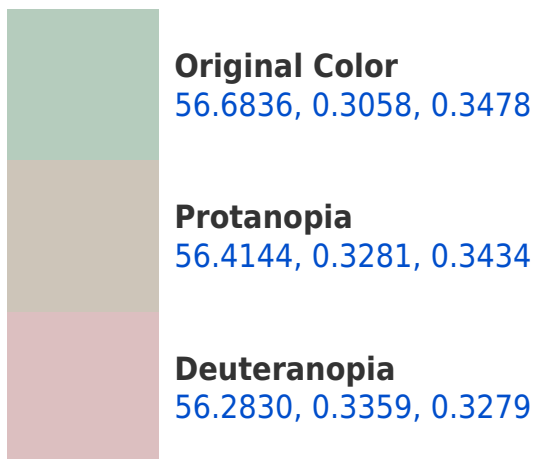


This preview shows how white text looks on a background with the Yxy color 56.6836, 0.3058, 0.3478.

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

56.7055, 0.2911, 0.3097

Trichromacy



Original Color

56.6836, 0.3058, 0.3478

Protanomaly

56.5895, 0.3198, 0.3461

Deuteranomaly

56.3633, 0.3245, 0.3350

Tritanomaly

56.4199, 0.2964, 0.3228

Monochromacy



Original Color

56.6836, 0.3058, 0.3478

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.1856, 0.3101, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6836, 0.3058, 0.3478 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(181, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(181, 204, 189)  
}
```

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(181, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 204, 189) }
```

Border

The CSS property to change the border of an element to Yxy 56.6836, 0.3058, 0.3478 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(181, 204, 189) }
```

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

```
.border{ border-color:rgb(181, 204, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 204, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 204, 189);  
box-shadow:4px 4px 4px 4px rgb(181, 204,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6836, 0.3058, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 204, 189) }
```

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

```
.background{ background-color: rgb(181,  
204, 189) }
```

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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