

Converting Colors

Yxy(56.4393, 0.3140, 0.3450)

Have a look what the booklet for
Yxy(56.4393, 0.3140, 0.3450)
contains.

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Color

Yxy(56.4805, 0.3143, 0.3450)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BFC9BC |
| RGB | 191, 201, 188 |
| RGB Percent | 75%, 79%, 74% |
| CMY | 0.2509, 0.2118, 0.2627 |
| CMYK | 0.05, 0.00, 0.06, 0.21 |
| HSL | 106°, 11%, 76% |
| HSV | 106°, 6%, 79% |
| XYZ | 51.4546, 56.4805, 55.7765 |
| YIQ | 196.5280, -1.7870, -6.1630 |

Conversions

Conversions Part 2

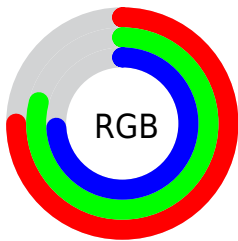
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 188, 201, 198 |
| Decimal | 12569020 |
| CIELab | 79.89, -5.80, 5.29 |
| CIELCh | 80, 7.853, 137.609 |
| Yxy | 56.4805, 0.3143, 0.3450 |
| Android (android.graphics.Color) | 4290759100 (0xFFBFC9BC) |
| YUV | 196.5280, -4.2043, -4.8481 |
| Hunter-Lab | 75.1535, -9.3069, 8.6043 |

Details

The Yxy color **56.4805, 0.3143, 0.3450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1967, 0.3110, 0.3133**, and the grayscale version is **55.5657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8258, 0.3141, 0.3397**, and **28.0200, 0.3149, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **53.7762, 0.3166, 0.3721**, and if you desaturate by 10%, it is **59.5217, 0.3118, 0.3207**.

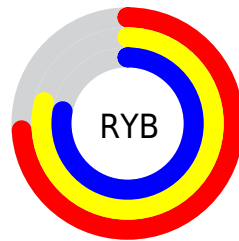
Distribution



Red (75%)

Green (79%)

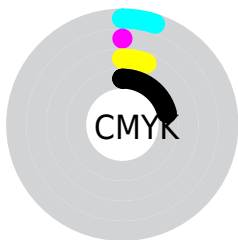
Blue (74%)



Red (74%)

Yellow (79%)

Blue (78%)

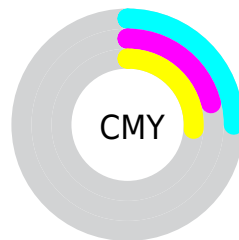


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (21%)



Cyan (25%)


Magenta (21%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4805, 0.3143, 0.3450 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 56.4805, 0.3143, 0.3450 by changing the saturation by 10% instead.


 56.4805, 0.3143,
0.3450

 56.4805, 0.3143,
0.3450


411.4998, 0.3136,
0.3372

 40.5883, 0.3145,
0.3469


 99.7068, 0.3140,
0.3422

 27.9975, 0.3147,
0.3493


127.8096, 0.3140,
0.3411

 18.3238, 0.3149,
0.3525


160.7515, 0.3139,
0.3402

 11.1827, 0.3152,
0.3568

198.9168, 0.3138,
0.3395

 6.1899, 0.3157,
0.3631

242.6898, 0.3137,
0.3388

 2.9609, 0.3162,
0.3731

292.4551, 0.3137,

 1.1113, 0.3177,

0.3382

0.3923

348.5970, 0.3136,
0.3377

0.0000, 0.0000,
0.0000

56.4805, 0.3143,
0.3450

56.4805, 0.3143,
0.3450

53.7762, 0.3166,
0.3721

59.5217, 0.3118,
0.3207

51.3902, 0.3187,
0.4020

62.9036, 0.3093,
0.2993

49.3126, 0.3202,
0.4340

66.6388, 0.3069,
0.2804

47.5306, 0.3210,
0.4673

69.8429, 0.3136,
0.2759

46.0302, 0.3210,
0.5002

70.2524, 0.3152,
0.2762

■ 44.7964, 0.3198,
0.5309

■ 43.8125, 0.3174,
0.5571

■ 43.0600, 0.3140,
0.5771

■ 42.5167, 0.3099,
0.5898

Harmonies

Analogous

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



56.4805, 0.3242, 0.3470



56.4805, 0.3143, 0.3450



56.4805, 0.3041, 0.3385

Triad

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



56.4805, 0.3143, 0.3450



56.4805, 0.2947, 0.3138



56.4805, 0.3293, 0.3283

Complementary

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



56.4805, 0.3143, 0.3450



52.1967, 0.3110, 0.3133

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.



56.4805, 0.3212, 0.3198



56.4805, 0.3143, 0.3450



56.4805, 0.3012, 0.3115

Square

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



56.4805, 0.3143, 0.3450



56.4805, 0.2929, 0.3203



56.4805, 0.3109, 0.3137



56.4805, 0.3330, 0.3372

Rectangle

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



56.4805, 0.3143, 0.3450



56.4805, 0.2985, 0.3325



56.4805, 0.3109, 0.3137



56.4805, 0.3270, 0.3254

Sweetspot

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



56.4829, 0.3143, 0.3450



98.9398, 0.3132, 0.3339



56.4231, 0.3225, 0.3410



21.1883, 0.3132, 0.3337



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.



56.4829, 0.3143, 0.3450



95.9010, 0.3147, 0.3493



56.2488, 0.3095, 0.3408



12.0042, 0.3150, 0.3526



26.6725, 0.3093, 0.5926



1.2969, 0.3246, 0.5805

Inverse Universe

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



52.1967, 0.3110, 0.3133



86.7842, 0.3105, 0.3092



52.4475, 0.3161, 0.3175



10.6882, 0.3101, 0.3060



7.0465, 0.2635, 0.1225



0.3647, 0.2761, 0.1295

Previews

White Background



This preview shows how the Yxy color 56.4805, 0.3143, 0.3450 looks on a white background.

Color Contrast Check

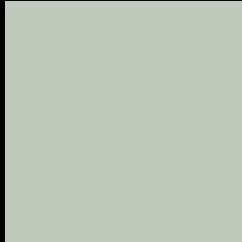
Large Text (above 18pt) WCAG AA × Fail

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 56.4805, 0.3143, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

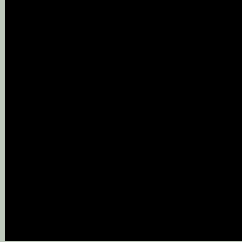
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

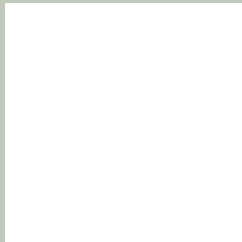
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4805, 0.3143, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 56.4805, 0.3143, 0.3450.



This preview shows how white text looks on a background with the Yxy color 56.4805, 0.3143, 0.3450.

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

56.4805, 0.3143, 0.3450

Protanopia

56.3150, 0.3266, 0.3423

Deuteranopia

56.1950, 0.3375, 0.3302



Tritanopia

56.3387, 0.2997, 0.3099

Trichromacy



Original Color

56.4805, 0.3143, 0.3450

Protanomaly

56.1181, 0.3216, 0.3424

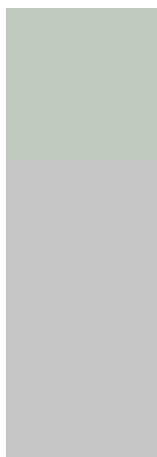
Deuteranomaly

56.2596, 0.3286, 0.3362

Tritanomaly

56.2171, 0.3053, 0.3217

Monochromacy



Original Color

56.4805, 0.3143, 0.3450

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8853, 0.3133, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4805, 0.3143, 0.3450 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(191, 201, 188)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 188)  
}
```

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(191, 201, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 188) }
```

Border

The CSS property to change the border of an element to Yxy 56.4805, 0.3143, 0.3450 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(191, 201, 188) }
```

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

```
.border{ border-color:rgb(191, 201, 188) }
```

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

Here you see how a box with a 4 pixel rgb(191, 201, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 201, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 201, 188);  
box-shadow:4px 4px 4px 4px rgb(191, 201,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4805, 0.3143, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 188) }
```

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

```
.background{ background-color: rgb(191,  
201, 188) }
```

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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