

Converting Colors

Yxy(60.0767, 0.3180, 0.3537)

Have a look what the booklet for
Yxy(60.0767, 0.3180, 0.3537)
contains.

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Color

Yxy(59.8156, 0.3177, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	C3CFBB
RGB	195, 207, 187
RGB Percent	76%, 81%, 73%
CMY	0.2352, 0.1882, 0.2668
CMYK	0.06, 0.00, 0.10, 0.19
HSL	96°, 17%, 77%
HSV	96°, 10%, 81%
XYZ	53.7883, 59.8156, 55.7015
YIQ	201.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

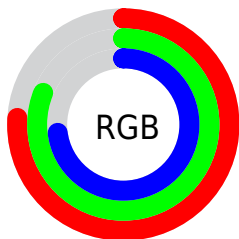
Format	Color
RYB	187, 207, 199
Decimal	12832699
CIELab	81.74, -7.71, 8.56
CIELCh	82, 11.519, 132.015
Yxy	59.8156, 0.3177, 0.3533
Android (android.graphics.Color)	4291022779 (0xFFC3CFBB)
YUV	201.1320, -6.9671, -5.3778
Hunter-Lab	77.3405, -11.2039, 11.4371

Details

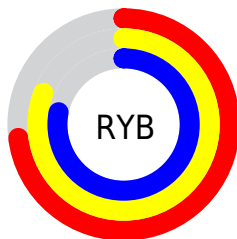
The Yxy color **59.8156, 0.3177, 0.3533** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1636, 0.3073, 0.3049**, and the grayscale version is **58.5407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6865, 0.3178, 0.3406**, and **30.1664, 0.3183, 0.3599** is the 20% darker color. If you saturate the color by 10%, you get **57.4136, 0.3227, 0.3807**, and if you desaturate by 10%, it is **62.4872, 0.3126, 0.3282**.

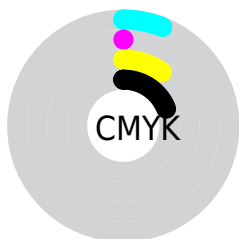
Distribution



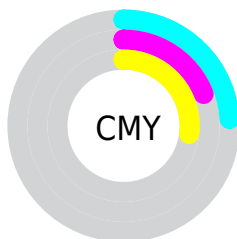
- Red (76%)
- Green (81%)
- Blue (73%)



- Red (73%)
- Yellow (81%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8156, 0.3177, 0.3533 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 59.8156, 0.3177, 0.3533 by changing the saturation by 10% instead.

■ 59.8156, 0.3177,
0.3533

■ 59.8156, 0.3177,
0.3533

423.9177, 0.3154,
0.3415

■ 43.2700, 0.3182,
0.3562

■ 104.5621, 0.3169,
0.3491

■ 30.0970, 0.3189,
0.3598

133.5319, 0.3166,
0.3475

■ 19.9123, 0.3197,
0.3645

167.4118, 0.3163,
0.3461

■ 12.3313, 0.3208,
0.3709

206.5863, 0.3161,
0.3449

■ 6.9697, 0.3222,
0.3801

251.4397, 0.3159,
0.3439

■ 3.4432, 0.3241,
0.3945

302.3565, 0.3157,

■ 1.3672, 0.3276,

0.3430

0.4210

359.7210, 0.3155,
0.3422

0.1924, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.8156, 0.3177,
0.3533

59.8156, 0.3177,
0.3533

57.4136, 0.3227,
0.3807

62.4872, 0.3126,
0.3282

55.2648, 0.3274,
0.4102

65.4290, 0.3074,
0.3056

53.3624, 0.3313,
0.4410

68.6514, 0.3025,
0.2855

51.6966, 0.3342,
0.4722

71.1744, 0.3074,
0.2810

■ 50.2567, 0.3357,
0.5023

■ 73.1072, 0.3149,
0.2821

■ 49.0312, 0.3354,
0.5296

■ 48.0072, 0.3333,
0.5524

■ 47.1700, 0.3293,
0.5694

■ 46.4966, 0.3240,
0.5807

Harmonies

Analogous

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



59.8156, 0.3314, 0.3547



59.8156, 0.3177, 0.3533



59.8156, 0.3029, 0.3449

Triad

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



59.8156, 0.3177, 0.3533



59.8156, 0.2858, 0.3085



59.8156, 0.3349, 0.3255

Complementary

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



59.8156, 0.3177, 0.3533



52.1636, 0.3073, 0.3049

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.



59.8156, 0.3222, 0.3139



59.8156, 0.3177, 0.3533



59.8156, 0.2940, 0.3040

Square

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



59.8156, 0.3177, 0.3533



59.8156, 0.2847, 0.3186



59.8156, 0.3072, 0.3061



59.8156, 0.3416, 0.3383

Rectangle

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



59.8156, 0.3177, 0.3533



59.8156, 0.2944, 0.3365



59.8156, 0.3072, 0.3061



59.8156, 0.3312, 0.3214

Sweetspot

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



59.8182, 0.3177, 0.3533



98.6599, 0.3143, 0.3364



57.5390, 0.3281, 0.3429



21.0421, 0.3147, 0.3384



0.0000, 0.0000, 0.0000



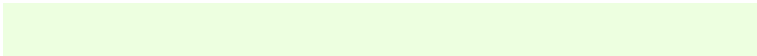
21.4041, 0.3127, 0.3290

Same Dimension

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



59.8182, 0.3177, 0.3533



94.8773, 0.3190, 0.3598



58.8452, 0.3104, 0.3516



13.4349, 0.3176, 0.3526



29.3335, 0.3248, 0.5803



1.6858, 0.3395, 0.5686

Inverse Universe

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



52.1636, 0.3073, 0.3049



79.7471, 0.3058, 0.2986



53.2138, 0.3151, 0.3074



11.7621, 0.3074, 0.3056



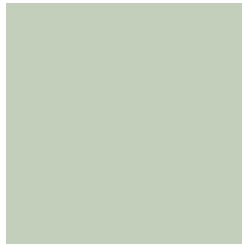
5.5834, 0.2233, 0.1004



0.3578, 0.2410, 0.1101

Previews

White Background



This preview shows how the Yxy color 59.8156, 0.3177, 0.3533 looks on a white background.

Color Contrast Check

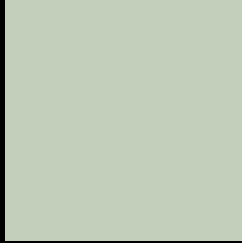
Large Text (above 18pt) WCAG AA × Fail

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 59.8156, 0.3177, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

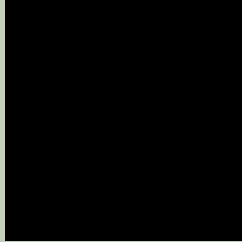
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

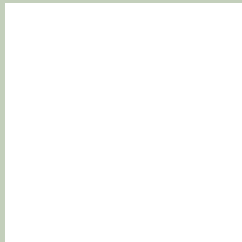
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8156, 0.3177, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 59.8156, 0.3177, 0.3533.



This preview shows how white text looks on a background with the Yxy color 59.8156, 0.3177, 0.3533.

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

59.8156, 0.3177, 0.3533

Protanopia

59.5506, 0.3331, 0.3502

Deuteranopia

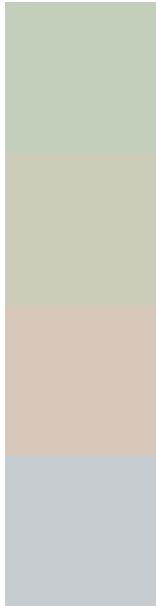
59.6480, 0.3442, 0.3370



Tritanopia

59.5824, 0.3000, 0.3104

Trichromacy



Original Color

59.8156, 0.3177, 0.3533

Protanomaly

59.6676, 0.3272, 0.3516

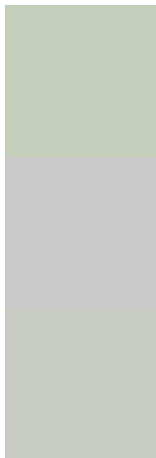
Deuteranomaly

59.5383, 0.3344, 0.3430

Tritanomaly

59.6965, 0.3061, 0.3254

Monochromacy



Original Color

59.8156, 0.3177, 0.3533

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.8395, 0.3146, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8156, 0.3177, 0.3533 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(195, 207, 187)` looks like.

```
.text, #text, p{  
    color:rgb(195, 207, 187)  
}
```

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(195, 207, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 207, 187) }
```

Border

The CSS property to change the border of an element to Yxy 59.8156, 0.3177, 0.3533 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(195, 207, 187) }
```

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

```
.border{ border-color:rgb(195, 207, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 207, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 207, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 207, 187);  
box-shadow:4px 4px 4px 4px rgb(195, 207,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8156, 0.3177, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 207, 187) }
```

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

```
.background{ background-color: rgb(195,  
207, 187) }
```

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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