

Converting Colors

Yxy(57.3328, 0.3177, 0.3412)

Have a look what the booklet for
Yxy(57.3328, 0.3177, 0.3412)
contains.

Yxy(57.5406, 0.3176, 0.3411)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.5406, 0.3176, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	C6C9BF
RGB	198, 201, 191
RGB Percent	78%, 79%, 75%
CMY	0.2236, 0.2117, 0.2510
CMYK	0.02, 0.00, 0.05, 0.21
HSL	78°, 8%, 77%
HSV	78°, 5%, 79%
XYZ	53.5764, 57.5406, 57.5743
YIQ	198.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

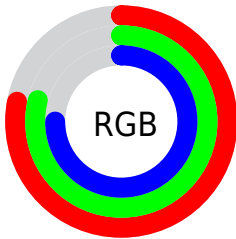
Format	Color
RYB	191, 201, 194
Decimal	13027775
CIELab	80.48, -2.84, 4.62
CIElCh	80, 5.426, 121.607
Yxy	57.5406, 0.3176, 0.3411
Android (android.graphics.Color)	4291217855 (0xFFC6C9BF)
YUV	198.9630, -3.9258, -0.8446
Hunter-Lab	75.8555, -6.6736, 8.0978

Details

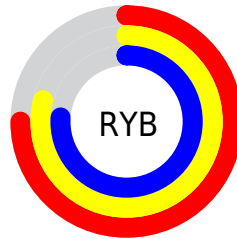
The Yxy color **57.5406, 0.3176, 0.3411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9539, 0.3077, 0.3168**, and the grayscale version is **57.1134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **28.6317, 0.3183, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **55.9088, 0.3275, 0.3666**, and if you desaturate by 10%, it is **59.3320, 0.3079, 0.3172**.

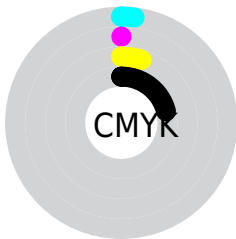
Distribution



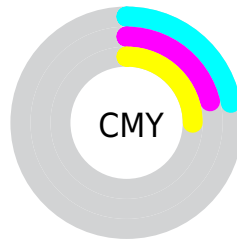
- Red (78%)
- Green (79%)
- Blue (75%)



- Red (75%)
- Yellow (79%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5406, 0.3176, 0.3411 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 57.5406, 0.3176, 0.3411 by changing the saturation by 10% instead.

■ 57.5406, 0.3176,
0.3411

■ 57.5406, 0.3176,
0.3411

415.4719, 0.3153,
0.3352

■ 41.4394, 0.3182,
0.3425

■ 101.2536, 0.3168,
0.3390

■ 28.6626, 0.3189,
0.3443

129.6341, 0.3165,
0.3382

■ 18.8257, 0.3198,
0.3466

162.8767, 0.3162,
0.3375

■ 11.5444, 0.3210,
0.3498

201.3655, 0.3159,
0.3369

■ 6.4343, 0.3227,
0.3544

245.4850, 0.3157,
0.3364

■ 3.1109, 0.3253,
0.3615

295.6197, 0.3156,

■ 1.1899, 0.3298,

0.3360

0.3743

352.1539, 0.3154,
0.3356

■ 0.0534, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5406, 0.3176,
0.3411

■ 57.5406, 0.3176,
0.3411

■ 55.9088, 0.3275,
0.3666

■ 59.3320, 0.3079,
0.3172

■ 54.4238, 0.3374,
0.3934

■ 61.2805, 0.2985,
0.2952


■ 53.0824, 0.3467,
0.4209

■ 63.3933, 0.2897,
0.2752

■ 51.8787, 0.3552,
0.4481


■ 64.5728, 0.2916,
0.2723


 50.8060, 0.3622,
0.4741

 65.5512, 0.2959,
0.2730

 49.8571, 0.3673,
0.4975

 66.5646, 0.3002,
0.2737


 49.0241, 0.3701,
0.5173

 67.6133, 0.3046,
0.2744

 48.2976, 0.3704,
0.5326

 68.6976, 0.3090,
0.2752

 47.6664, 0.3683,
0.5430

 69.8179, 0.3135,
0.2759

Harmonies

Analogous

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



57.5406, 0.3235, 0.3407



57.5406, 0.3176, 0.3411



57.5406, 0.3105, 0.3382

Triad

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



57.5406, 0.3176, 0.3411



57.5406, 0.2992, 0.3207



57.5406, 0.3215, 0.3253

Complementary

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



57.5406, 0.3176, 0.3411



52.9539, 0.3077, 0.3168

Split Complementary

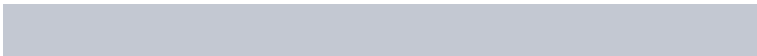
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.5406, 0.3149, 0.3201



57.5406, 0.3176, 0.3411



57.5406, 0.3020, 0.3174

Square

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



57.5406, 0.3176, 0.3411



57.5406, 0.2999, 0.3263



57.5406, 0.3078, 0.3172



57.5406, 0.3257, 0.3315

Rectangle

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



57.5406, 0.3176, 0.3411



57.5406, 0.3060, 0.3347



57.5406, 0.3078, 0.3172



57.5406, 0.3194, 0.3234

Sweetspot

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



57.5431, 0.3176, 0.3411



99.6909, 0.3137, 0.3314



54.7666, 0.3206, 0.3327



21.3412, 0.3137, 0.3313



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.



57.5431, 0.3176, 0.3411



98.1869, 0.3187, 0.3439



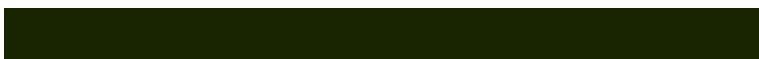
56.8775, 0.3137, 0.3412



12.3509, 0.3192, 0.3450



29.8342, 0.3674, 0.5465



1.4492, 0.3786, 0.5376

Inverse Universe

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



52.9539, 0.3077, 0.3168



88.6549, 0.3065, 0.3140



53.6241, 0.3117, 0.3169



11.0598, 0.3060, 0.3128



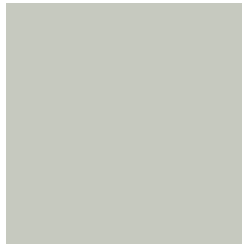
3.3127, 0.1713, 0.0717



0.1953, 0.1950, 0.0848

Previews

White Background



This preview shows how the Yxy color 57.5406, 0.3176, 0.3411 looks on a white background.

Color Contrast Check

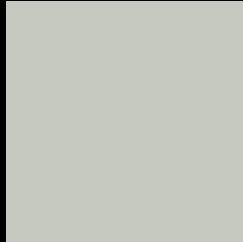
Large Text (above 18pt) WCAG AA × Fail

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 57.5406, 0.3176, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

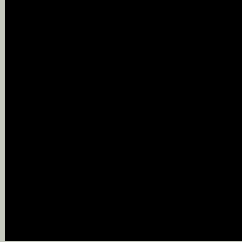
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

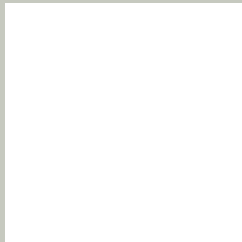
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5406, 0.3176, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 57.5406, 0.3176, 0.3411.

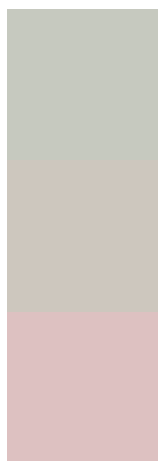


This preview shows how white text looks on a background with the Yxy color 57.5406, 0.3176, 0.3411.

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

57.5406, 0.3176, 0.3411

Protanopia

57.5437, 0.3241, 0.3398

Deuteranopia

57.3623, 0.3357, 0.3291



Tritanopia

57.6098, 0.3043, 0.3114

Trichromacy



Original Color

57.5406, 0.3176, 0.3411

Protanomaly

57.5828, 0.3216, 0.3410

Deuteranomaly

57.4318, 0.3294, 0.3337

Tritanomaly

57.5340, 0.3092, 0.3219

Monochromacy



Original Color

57.5406, 0.3176, 0.3411

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.4362, 0.3148, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5406, 0.3176, 0.3411 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(198, 201, 191)` looks like.

```
.text, #text, p{  
    color:rgb(198, 201, 191)  
}
```

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(198, 201, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 201, 191) }
```

Border

The CSS property to change the border of an element to Yxy 57.5406, 0.3176, 0.3411 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(198, 201, 191) }
```

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

```
.border{ border-color:rgb(198, 201, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 201, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 201, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 201, 191);  
box-shadow:4px 4px 4px 4px rgb(198, 201,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5406, 0.3176, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 201, 191) }
```

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

```
.background{ background-color: rgb(198,  
201, 191) }
```

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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