

Converting Colors

$Yxy(55.5541, 0.3067, 0.3236)$

Have a look what the booklet for
Yxy(55.5541, 0.3067, 0.3236)
contains.

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Color

Yxy(55.4870, 0.3067, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	C1C5C9
RGB	193, 197, 201
RGB Percent	76%, 77%, 79%
CMY	0.2430, 0.2275, 0.2117
CMYK	0.04, 0.02, 0.00, 0.21
HSL	210°, 7%, 77%
HSV	210°, 4%, 79%
XYZ	52.5081, 55.4870, 63.2083
YIQ	196.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

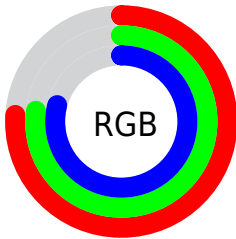
Format	Color
RYB	193, 196, 201
Decimal	12699081
CIELab	79.32, -0.60, -2.49
CIELCh	79, 2.565, 256.475
Yxy	55.4870, 0.3067, 0.3241
Android (android.graphics.Color)	4290889161 (0xFFC1C5C9)
YUV	196.2600, 2.3368, -2.8590
Hunter-Lab	74.4896, -4.5313, 1.8321

Details

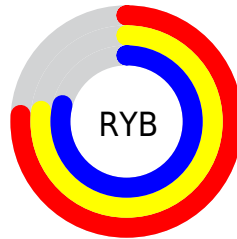
The Yxy color `55.4870, 0.3067, 0.3241` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `56.2265, 0.3188, 0.3339`, and the grayscale version is `55.3576, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.2434, 0.3091, 0.3280`, and `27.3270, 0.3057, 0.3225` is the 20% darker color. If you saturate the color by 10%, you get `48.5809, 0.2911, 0.3108`, and if you desaturate by 10%, it is `63.0655, 0.3216, 0.3360`.

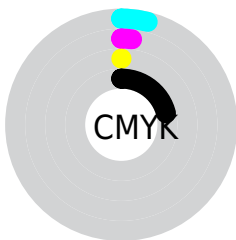
Distribution



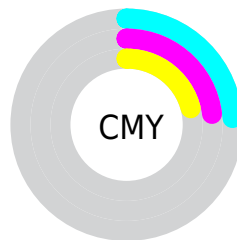
- Red (76%)
- Green (77%)
- Blue (79%)



- Red (76%)
- Yellow (77%)
- Blue (79%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4870, 0.3067, 0.3241 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 55.4870, 0.3067, 0.3241 by changing the saturation by 10% instead.

■ 55.4870, 0.3067,
0.3241

■ 55.4870, 0.3067,
0.3241

407.7553, 0.3096,
0.3265

■ 39.7918, 0.3060,
0.3235

■ 98.2541, 0.3077,
0.3250

■ 27.3762, 0.3051,
0.3228

126.0948, 0.3081,
0.3253

■ 17.8560, 0.3039,
0.3218

158.7527, 0.3085,
0.3256

■ 10.8466, 0.3024,
0.3205

196.6124, 0.3088,
0.3258

■ 5.9638, 0.3001,
0.3187

240.0580, 0.3090,
0.3260

■ 2.8231, 0.2965,
0.3157

289.4741, 0.3092,

■ 1.0401, 0.2902,

0.3262

0.3104

345.2451, 0.3094,
0.3263

0.0000, 0.0000,
0.0000

55.4870, 0.3067,
0.3241

55.4870, 0.3067,
0.3241

48.5809, 0.2911,
0.3108

63.0655, 0.3216,
0.3360

42.3198, 0.2750,
0.2959

71.3288, 0.3357,
0.3466

36.6845, 0.2586,
0.2797

80.2977, 0.3489,
0.3558

31.6520, 0.2425,
0.2621

86.3240, 0.3481,
0.3656

27.1979, 0.2269,
0.2434

92.3671, 0.3462,
0.3752

■ 23.2955, 0.2124,
0.2240

■ 96.9977, 0.3448,
0.3820

■ 19.9154, 0.1996,
0.2044

■ 17.0248, 0.1890,
0.1849

■ 14.5849, 0.1807,
0.1664

Harmonies

Analogous

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



55.4870, 0.3062, 0.3263



55.4870, 0.3067, 0.3241



55.4870, 0.3088, 0.3232

Triad

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



55.4870, 0.3067, 0.3241



55.4870, 0.3181, 0.3287



55.4870, 0.3134, 0.3343

Complementary

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



55.4870, 0.3067, 0.3241



56.2265, 0.3188, 0.3339

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.



55.4870, 0.3166, 0.3349



55.4870, 0.3067, 0.3241



55.4870, 0.3193, 0.3317

Square

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



55.4870, 0.3067, 0.3241



55.4870, 0.3154, 0.3259



55.4870, 0.3188, 0.3339



55.4870, 0.3100, 0.3322

Rectangle

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



55.4870, 0.3067, 0.3241



55.4870, 0.3109, 0.3235



55.4870, 0.3188, 0.3339



55.4870, 0.3145, 0.3346

Sweetspot

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



55.4894, 0.3067, 0.3241



98.7031, 0.3112, 0.3278



57.1534, 0.3094, 0.3338



21.1402, 0.3113, 0.3278



0.0000, 0.0000, 0.0000



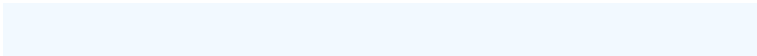
21.4041, 0.3127, 0.3290

Same Dimension

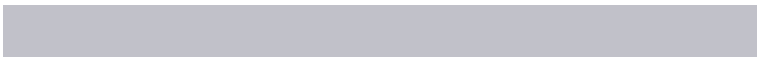
The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.4894, 0.3067, 0.3241



93.6337, 0.3050, 0.3227



53.7134, 0.3068, 0.3193



11.7092, 0.3042, 0.3220



8.5404, 0.1773, 0.1582



0.5493, 0.1879, 0.1963

Inverse Universe

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



54.6044, 0.3162, 0.3242



91.7266, 0.3172, 0.3229



58.0505, 0.3185, 0.3386



11.4446, 0.3177, 0.3222



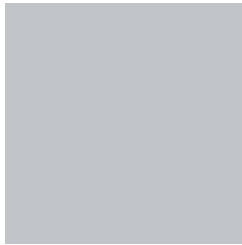
8.4022, 0.4954, 0.2503



0.4125, 0.4495, 0.2250

Previews

White Background



This preview shows how the Yxy color 55.4870, 0.3067, 0.3241 looks on a white background.

Color Contrast Check

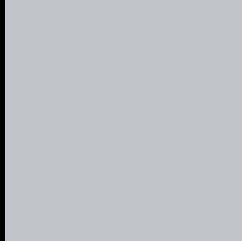
Large Text (above 18pt) WCAG AA × Fail

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 55.4870, 0.3067, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

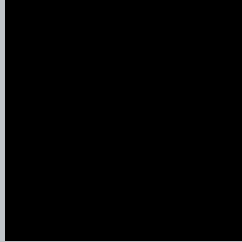
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

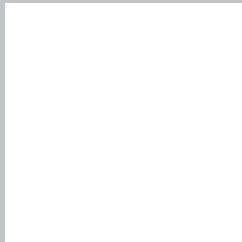
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4870, 0.3067, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 55.4870, 0.3067, 0.3241.

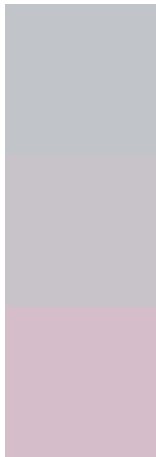


This preview shows how white text looks on a background with the Yxy color 55.4870, 0.3067, 0.3241.

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

55.4870, 0.3067, 0.3241

Protanopia

55.3425, 0.3122, 0.3230

Deuteranopia

55.2373, 0.3224, 0.3151



Tritanopia

55.3355, 0.3011, 0.3098

Trichromacy



Original Color

55.4870, 0.3067, 0.3241

Protanomaly

55.5203, 0.3106, 0.3242

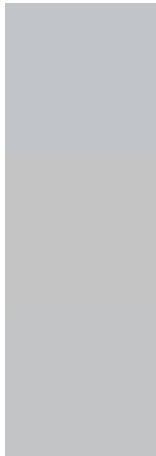
Deuteranomaly

55.5260, 0.3164, 0.3184

Tritanomaly

55.4542, 0.3032, 0.3157

Monochromacy



Original Color

55.4870, 0.3067, 0.3241

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1592, 0.3105, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4870, 0.3067, 0.3241 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(193, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(193, 197, 201)  
}
```

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(193, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 197, 201) }
```

Border

The CSS property to change the border of an element to Yxy 55.4870, 0.3067, 0.3241 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(193, 197, 201) }
```

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

```
.border{ border-color:rgb(193, 197, 201) }
```

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

Here you see how a box with a 4 pixel rgb(193, 197, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(193, 197,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4870, 0.3067, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 197, 201) }
```

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

```
.background{ background-color: rgb(193,  
197, 201) }
```

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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