

Converting Colors

$Y_{xy}(55.0272, 0.3071, 0.3277)$

Have a look what the booklet for
Yxy(55.0272, 0.3071, 0.3277)
contains.

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Color

Yxy(55.0861, 0.3073, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	BFC5C6
RGB	191, 197, 198
RGB Percent	75%, 77%, 78%
CMY	0.2510, 0.2274, 0.2236
CMYK	0.04, 0.00, 0.00, 0.22
HSL	188°, 6%, 76%
HSV	188°, 4%, 78%
XYZ	51.6411, 55.0861, 61.3207
YIQ	195.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

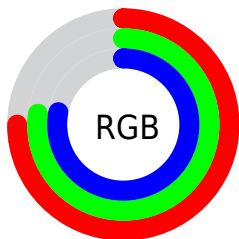
Format	Color
RYB	191, 194, 198
Decimal	12568006
CIELab	79.09, -1.88, -1.21
CIElCh	79, 2.236, 212.854
Yxy	55.0861, 0.3073, 0.3278
Android (android.graphics.Color)	4290758086 (0xFFBFC5C6)
YUV	195.3200, 1.3212, -3.7886
Hunter-Lab	74.2200, -5.6875, 2.9685

Details

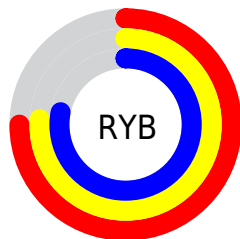
The Yxy color **55.0861, 0.3073, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4443, 0.3183, 0.3302**, and the grayscale version is **54.7674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8778, 0.3078, 0.3280**, and **27.0618, 0.3065, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **51.4617, 0.2922, 0.3242**, and if you desaturate by 10%, it is **59.0847, 0.3227, 0.3311**.

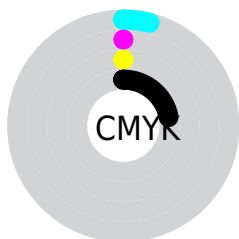
Distribution



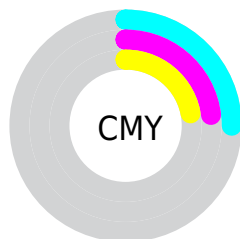
- Red (75%)
- Green (77%)
- Blue (78%)



- Red (75%)
- Yellow (76%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0861, 0.3073, 0.3278 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 55.0861, 0.3073, 0.3278 by changing the saturation by 10% instead.

■ 55.0861, 0.3073,
0.3278

■ 55.0861, 0.3073,
0.3278

406.2382, 0.3099,
0.3284

■ 39.4707, 0.3067,
0.3277

■ 97.6671, 0.3082,
0.3280

■ 27.1261, 0.3059,
0.3275

125.4014, 0.3086,
0.3281

■ 17.6679, 0.3048,
0.3272

157.9442, 0.3089,
0.3282

■ 10.7118, 0.3034,
0.3269

195.6798, 0.3092,
0.3282

■ 5.8734, 0.3013,
0.3264

238.9926, 0.3094,
0.3283

■ 2.7683, 0.2981,
0.3256

288.2670, 0.3096,

■ 1.0120, 0.2923,

0.3283

343.8874, 0.3098,
0.3284

0.3242

0.0000, 0.0000,
0.0000

55.0861, 0.3073,
0.3278

55.0861, 0.3073,
0.3278

51.4617, 0.2922,
0.3242

59.0847, 0.3227,
0.3311

48.1905, 0.2776,
0.3203

63.4636, 0.3382,
0.3340

45.2599, 0.2639,
0.3160

68.2376, 0.3534,
0.3367

42.6541, 0.2514,
0.3116

70.4244, 0.3565,
0.3394

40.3557, 0.2404,
0.3069

71.7695, 0.3559,
0.3422

■ 38.3456, 0.2310,
0.3021

■ 73.1377, 0.3553,
0.3449

■ 36.6024, 0.2235,
0.2972

■ 74.5292, 0.3547,
0.3477

■ 35.1017, 0.2179,
0.2923

■ 75.9440, 0.3541,
0.3505

■ 33.8138, 0.2141,
0.2875

■ 77.3822, 0.3535,
0.3532

Harmonies

Analogous

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



55.0861, 0.3090, 0.3305



55.0861, 0.3073, 0.3278



55.0861, 0.3071, 0.3255

Triad

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



55.0861, 0.3073, 0.3278



55.0861, 0.3138, 0.3253



55.0861, 0.3171, 0.3339

Complementary

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



55.0861, 0.3073, 0.3278



53.4443, 0.3183, 0.3302

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.



55.0861, 0.3184, 0.3325



55.0861, 0.3073, 0.3278



55.0861, 0.3165, 0.3276

Square

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



55.0861, 0.3073, 0.3278



55.0861, 0.3108, 0.3241



55.0861, 0.3182, 0.3302



55.0861, 0.3147, 0.3340

Rectangle

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



55.0861, 0.3073, 0.3278



55.0861, 0.3077, 0.3244



55.0861, 0.3182, 0.3302



55.0861, 0.3177, 0.3336

Sweetspot

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



55.0884, 0.3073, 0.3278



99.2950, 0.3112, 0.3287



55.2543, 0.3116, 0.3365



21.2606, 0.3112, 0.3287



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.



55.0884, 0.3073, 0.3278



97.2206, 0.3065, 0.3276



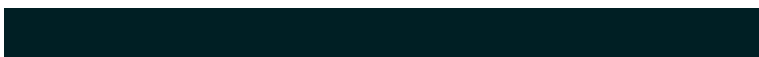
53.5364, 0.3074, 0.3235



12.1933, 0.3055, 0.3274



21.5980, 0.2125, 0.2851



1.0934, 0.2153, 0.2951

Inverse Universe

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



53.2926, 0.3138, 0.3217



93.5734, 0.3140, 0.3206



54.9799, 0.3181, 0.3344



11.6650, 0.3142, 0.3193



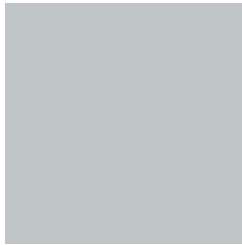
9.7203, 0.3588, 0.1750



0.4674, 0.3498, 0.1700

Previews

White Background



This preview shows how the Yxy color 55.0861, 0.3073, 0.3278 looks on a white background.

Color Contrast Check

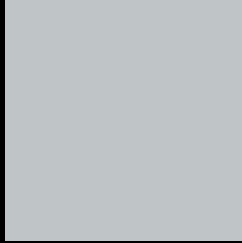
Large Text (above 18pt) WCAG AA × Fail

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 55.0861, 0.3073, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

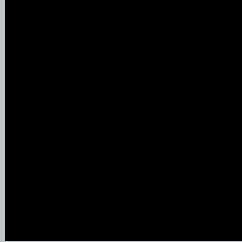
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

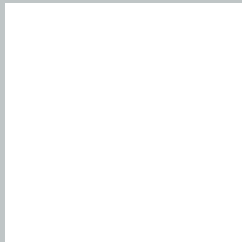
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0861, 0.3073, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 55.0861, 0.3073, 0.3278.

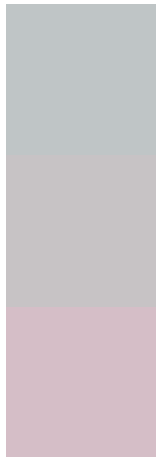


This preview shows how white text looks on a background with the Yxy color 55.0861, 0.3073, 0.3278.

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

55.0861, 0.3073, 0.3278

Protanopia

55.2035, 0.3144, 0.3266

Deuteranopia

55.0966, 0.3247, 0.3185



Tritanopia

55.0708, 0.2996, 0.3098

Trichromacy



Original Color

55.0861, 0.3073, 0.3278

Protanomaly

55.2468, 0.3120, 0.3278

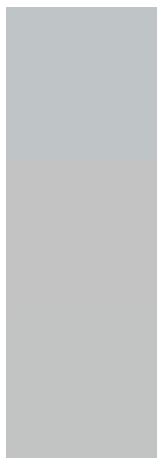
Deuteranomaly

55.2426, 0.3179, 0.3219

Tritanomaly

55.1426, 0.3024, 0.3169

Monochromacy



Original Color

55.0861, 0.3073, 0.3278

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9347, 0.3111, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0861, 0.3073, 0.3278 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, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 198)  
}
```

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, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 198) }
```

Border

The CSS property to change the border of an element to Yxy 55.0861, 0.3073, 0.3278 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, 197, 198) }
```

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

```
.border{ border-color:rgb(191, 197, 198) }
```

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

Here you see how a box with a 4 pixel rgb(191, 197, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0861, 0.3073, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 198) }
```

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

```
.background{ background-color: rgb(191,  
197, 198) }
```

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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