

Converting Colors

Yxy(55.2624, 0.3000, 0.3202)

Have a look what the booklet for
Yxy(55.2624, 0.3000, 0.3202)
contains.

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Color

Yxy(55.4873, 0.3000, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	BCC6CD
RGB	188, 198, 205
RGB Percent	74%, 78%, 80%
CMY	0.2627, 0.2235, 0.1960
CMYK	0.08, 0.03, 0.00, 0.20
HSL	205°, 15%, 77%
HSV	205°, 8%, 80%
XYZ	51.9544, 55.4873, 65.7396
YIQ	195.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

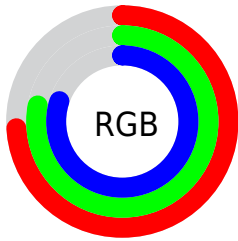
Format	Color
RYB	188, 194, 205
Decimal	12371661
CIELab	79.32, -2.05, -4.69
CIELCh	79, 5.119, 246.421
Yxy	55.4873, 0.3000, 0.3204
Android (android.graphics.Color)	4290561741 (0xFFBCC6CD)
YUV	195.8080, 4.5317, -6.8476
Hunter-Lab	74.4898, -5.8587, -0.1825

Details

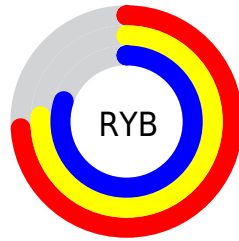
The Yxy color **55.4873, 0.3000, 0.3204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6510, 0.3261, 0.3375**, and the grayscale version is **55.0589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **27.3318, 0.2968, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **49.3108, 0.2844, 0.3090**, and if you desaturate by 10%, it is **62.2540, 0.3153, 0.3307**.

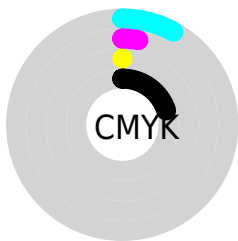
Distribution



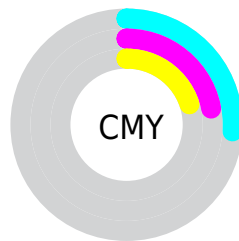
- Red (74%)
- Green (78%)
- Blue (80%)



- Red (74%)
- Yellow (76%)
- Blue (80%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (26%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4873, 0.3000, 0.3204 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 55.4873, 0.3000, 0.3204 by changing the saturation by 10% instead.

■ 55.4873, 0.3000,
0.3204

■ 55.4873, 0.3000,
0.3204

407.7565, 0.3062,
0.3246

■ 39.7920, 0.2985,
0.3194

■ 98.2546, 0.3022,
0.3219

■ 27.3764, 0.2967,
0.3181

126.0953, 0.3030,
0.3225

■ 17.8561, 0.2942,
0.3164

158.7533, 0.3037,
0.3230

■ 10.8467, 0.2909,
0.3141

196.6130, 0.3044,
0.3234

■ 5.9639, 0.2862,
0.3108

240.0588, 0.3049,
0.3237

■ 2.8231, 0.2788,
0.3055

289.4750, 0.3054,

■ 1.0401, 0.2659,

0.3241

0.2961

345.2461, 0.3058,
0.3244

0.0000, 0.0000,
0.0000

55.4873, 0.3000,
0.3204

55.4873, 0.3000,
0.3204

49.3108, 0.2844,
0.3090

62.2540, 0.3153,
0.3307

43.6985, 0.2686,
0.2964

69.6220, 0.3300,
0.3398

38.6327, 0.2531,
0.2828

77.6107, 0.3441,
0.3479

34.0916, 0.2382,
0.2682

83.2775, 0.3466,
0.3560

30.0519, 0.2242,
0.2528

88.1465, 0.3450,
0.3642

■ 26.4881, 0.2118,
0.2369

■ 93.2474, 0.3435,
0.3722

■ 23.3714, 0.2012,
0.2209

■ 97.1886, 0.3424,
0.3780

■ 20.6687, 0.1927,
0.2050

■ 18.3318, 0.1863,
0.1896

Harmonies

Analogous

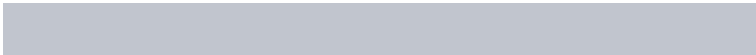
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.4873, 0.3001, 0.3255



55.4873, 0.3000, 0.3204



55.4873, 0.3032, 0.3177

Triad

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



55.4873, 0.3000, 0.3204



55.4873, 0.3219, 0.3264



55.4873, 0.3163, 0.3403

Complementary

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



55.4873, 0.3000, 0.3204



55.6510, 0.3261, 0.3375

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.



55.4873, 0.3222, 0.3404



55.4873, 0.3000, 0.3204



55.4873, 0.3255, 0.3323

Square

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



55.4873, 0.3000, 0.3204



55.4873, 0.3159, 0.3212



55.4873, 0.3256, 0.3375



55.4873, 0.3095, 0.3371

Rectangle

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



55.4873, 0.3000, 0.3204



55.4873, 0.3069, 0.3176



55.4873, 0.3256, 0.3375



55.4873, 0.3185, 0.3407

Sweetspot

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



55.4896, 0.3000, 0.3204



97.7112, 0.3096, 0.3270



58.2943, 0.3070, 0.3415



20.9383, 0.3098, 0.3271



0.0000, 0.0000, 0.0000



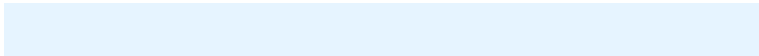
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4896, 0.3000, 0.3204



88.9547, 0.2972, 0.3184



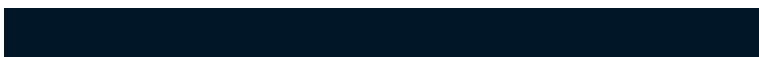
51.7995, 0.3000, 0.3101



11.9213, 0.2983, 0.3192



11.3693, 0.1859, 0.1892



0.7339, 0.1943, 0.2193

Inverse Universe

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



53.0268, 0.3191, 0.3171



84.1370, 0.3206, 0.3144



59.4739, 0.3251, 0.3472



11.3224, 0.3200, 0.3155



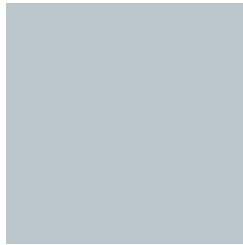
8.9507, 0.4577, 0.2295



0.4766, 0.4240, 0.2109

Previews

White Background



This preview shows how the Yxy color 55.4873, 0.3000, 0.3204 looks on a white background.

Color Contrast Check

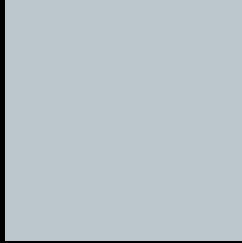
Large Text (above 18pt) WCAG AA × Fail

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 55.4873, 0.3000, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

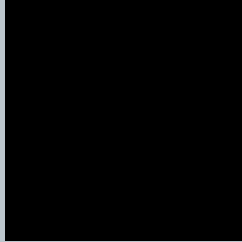
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

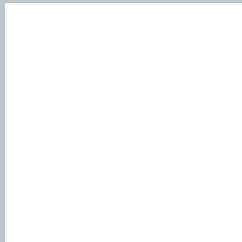
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4873, 0.3000, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 55.4873, 0.3000, 0.3204.



This preview shows how white text looks on a background with the Yxy color 55.4873, 0.3000, 0.3204.

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

55.4873, 0.3000, 0.3204

Protanopia

55.3478, 0.3092, 0.3194

Deuteranopia

55.1808, 0.3169, 0.3093



Tritanopia

55.5048, 0.2959, 0.3109

Trichromacy



Original Color

55.4873, 0.3000, 0.3204

Protanomaly

55.3088, 0.3053, 0.3193

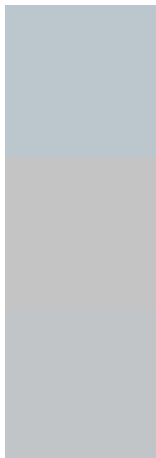
Deuteranomaly

55.2927, 0.3110, 0.3136

Tritanomaly

55.3548, 0.2980, 0.3144

Monochromacy



Original Color

55.4873, 0.3000, 0.3204

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3935, 0.3081, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4873, 0.3000, 0.3204 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(188, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 205)  
}
```

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(188, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 205) }
```

Border

The CSS property to change the border of an element to Yxy 55.4873, 0.3000, 0.3204 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(188, 198, 205) }
```

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

```
.border{ border-color:rgb(188, 198, 205) }
```

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

Here you see how a box with a 4 pixel rgb(188, 198, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4873, 0.3000, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 205) }
```

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

```
.background{ background-color: rgb(188,  
198, 205) }
```

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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