

Converting Colors

$Yxy(55.2423, 0.3072, 0.3355)$

Have a look what the booklet for
Yxy(55.2423, 0.3072, 0.3355)
contains.

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Color

Yxy(55.3067, 0.3070, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	BBC7C2
RGB	187, 199, 194
RGB Percent	73%, 78%, 76%
CMY	0.2666, 0.2196, 0.2393
CMYK	0.06, 0.00, 0.03, 0.22
HSL	155°, 10%, 76%
HSV	155°, 6%, 78%
XYZ	50.6538, 55.3067, 59.0356
YIQ	194.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

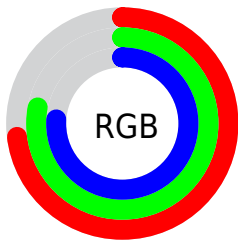
Format	Color
RYB	187, 195, 199
Decimal	12306370
CIELab	79.22, -5.04, 1.08
CIElCh	79, 5.157, 167.876
Yxy	55.3067, 0.3070, 0.3352
Android (android.graphics.Color)	4290496450 (0xFFBBC7C2)
YUV	194.8420, -0.4151, -6.8774
Hunter-Lab	74.3685, -8.5650, 4.9920

Details

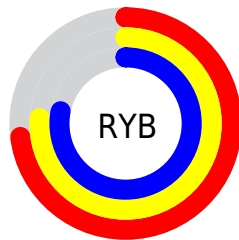
The Yxy color $55.3067, 0.3070, 0.3352$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.4923, 0.3188, 0.3229$, and the grayscale version is $54.4804, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4768, 0.3082, 0.3339$, and $27.2126, 0.3061, 0.3374$ is the 20% darker color. If you saturate the color by 10%, you get $52.6070, 0.2977, 0.3464$, and if you desaturate by 10%, it is $58.3799, 0.3165, 0.3251$.

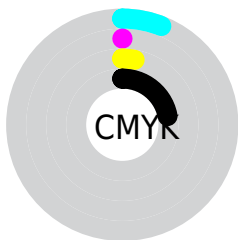
Distribution



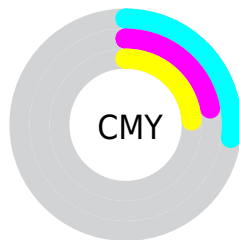
- Red (73%)
- Green (78%)
- Blue (76%)



- Red (73%)
- Yellow (76%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3067, 0.3070, 0.3352 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 55.3067, 0.3070, 0.3352 by changing the saturation by 10% instead.

■ 55.3067, 0.3070,
0.3352

■ 55.3067, 0.3070,
0.3352

407.0735, 0.3098,
0.3322

■ 39.6473, 0.3063,
0.3359

■ 97.9902, 0.3080,
0.3341

■ 27.2637, 0.3055,
0.3369

125.7831, 0.3084,
0.3337

■ 17.7714, 0.3044,
0.3381

158.3893, 0.3087,
0.3334

■ 10.7860, 0.3028,
0.3397

196.1931, 0.3090,
0.3331

■ 5.9231, 0.3006,
0.3422

239.5791, 0.3092,
0.3328

■ 2.7984, 0.2971,
0.3460

288.9316, 0.3094,

■ 1.0274, 0.2909,

0.3326

0.3529

344.6349, 0.3096,
0.3324

0.0000, 0.0000,
0.0000

55.3067, 0.3070,
0.3352

55.3067, 0.3070,
0.3352

52.6070, 0.2977,
0.3464

58.3799, 0.3165,
0.3251

50.2591, 0.2889,
0.3588

61.8333, 0.3260,
0.3162

48.2498, 0.2808,
0.3724

65.6821, 0.3354,
0.3083

46.5625, 0.2738,
0.3869

67.6706, 0.3356,
0.3005

45.1790, 0.2681,
0.4024

68.1421, 0.3293,
0.2924

■ 44.0790, 0.2641,
0.4184

■ 68.6362, 0.3232,
0.2845

■ 43.2402, 0.2620,
0.4348

■ 69.1531, 0.3172,
0.2767

■ 42.6362, 0.2619,
0.4510

■ 69.3292, 0.3153,
0.2742

■ 42.2341, 0.2637,
0.4669

Harmonies

Analogous

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



55.3067, 0.3137, 0.3395



55.3067, 0.3070, 0.3352



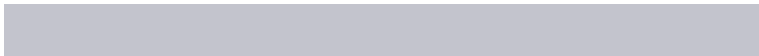
55.3067, 0.3018, 0.3292

Triad

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



55.3067, 0.3070, 0.3352



55.3067, 0.3052, 0.3174



55.3067, 0.3261, 0.3345

Complementary

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



55.3067, 0.3070, 0.3352



51.4923, 0.3188, 0.3229

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.



55.3067, 0.3237, 0.3287



55.3067, 0.3070, 0.3352



55.3067, 0.3116, 0.3188

Square

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



55.3067, 0.3070, 0.3352



55.3067, 0.3008, 0.3190



55.3067, 0.3184, 0.3230



55.3067, 0.3248, 0.3390

Rectangle

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



55.3067, 0.3070, 0.3352



55.3067, 0.2999, 0.3251



55.3067, 0.3184, 0.3230



55.3067, 0.3257, 0.3327

Sweetspot

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



55.3091, 0.3070, 0.3352



98.9089, 0.3108, 0.3310



55.6705, 0.3161, 0.3438



21.1820, 0.3109, 0.3309



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.



55.3091, 0.3070, 0.3352



96.2988, 0.3060, 0.3364



55.1712, 0.3035, 0.3280



12.1053, 0.3056, 0.3368



27.0907, 0.2641, 0.4709



1.2970, 0.2550, 0.4380

Inverse Universe

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



51.4923, 0.3188, 0.3229



88.4844, 0.3200, 0.3218



51.6140, 0.3227, 0.3300



11.0680, 0.3204, 0.3213



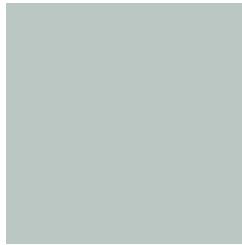
8.2281, 0.5281, 0.2683



0.4040, 0.4745, 0.2388

Previews

White Background



This preview shows how the Yxy color 55.3067, 0.3070, 0.3352 looks on a white background.

Color Contrast Check

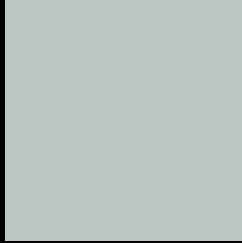
Large Text (above 18pt) WCAG AA × Fail

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 55.3067, 0.3070, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

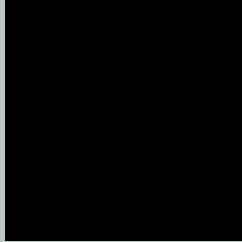
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

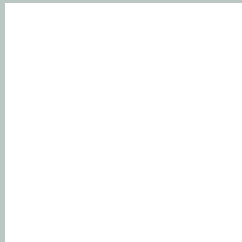
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3067, 0.3070, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 55.3067, 0.3070, 0.3352.



This preview shows how white text looks on a background with the Yxy color 55.3067, 0.3070, 0.3352.

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

55.3067, 0.3070, 0.3352

Protanopia

55.1153, 0.3190, 0.3326

Deuteranopia

55.2595, 0.3287, 0.3221



Tritanopia

55.1805, 0.2966, 0.3097

Trichromacy



Original Color

55.3067, 0.3070, 0.3352

Protanomaly

54.9322, 0.3141, 0.3327

Deuteranomaly

55.0592, 0.3209, 0.3266

Tritanomaly

55.1591, 0.3008, 0.3192

Monochromacy



Original Color

55.3067, 0.3070, 0.3352

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6265, 0.3103, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3067, 0.3070, 0.3352 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(187, 199, 194)` looks like.

```
.text, #text, p{  
    color:rgb(187, 199, 194)  
}
```

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(187, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 199, 194) }
```

Border

The CSS property to change the border of an element to Yxy 55.3067, 0.3070, 0.3352 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(187, 199, 194) }
```

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

```
.border{ border-color:rgb(187, 199, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 199, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 199, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 199, 194);  
box-shadow:4px 4px 4px 4px rgb(187, 199,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3067, 0.3070, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 199, 194) }
```

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

```
.background{ background-color: rgb(187,  
199, 194) }
```

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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