

Converting Colors

$Y_{xy}(55.1556, 0.3086, 0.3379)$

Have a look what the booklet for
Yxy(55.1556, 0.3086, 0.3379)
contains.

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Color

Yxy(55.2174, 0.3084, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	BBC7C0
RGB	187, 199, 192
RGB Percent	73%, 78%, 75%
CMY	0.2668, 0.2196, 0.2471
CMYK	0.06, 0.00, 0.04, 0.22
HSL	145°, 10%, 76%
HSV	145°, 6%, 78%
XYZ	50.4266, 55.2174, 57.8663
YIQ	194.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

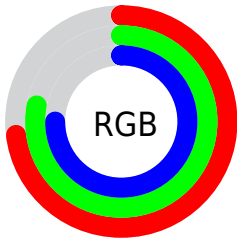
Format	Color
RYB	187, 195, 199
Decimal	12306368
CIELab	79.17, -5.43, 2.08
CIELCh	79, 5.812, 159.046
Yxy	55.2174, 0.3084, 0.3377
Android (android.graphics.Color)	4290496448 (0xFFBBC7C0)
YUV	194.6140, -1.2887, -6.6775
Hunter-Lab	74.3084, -8.9075, 5.8449

Details

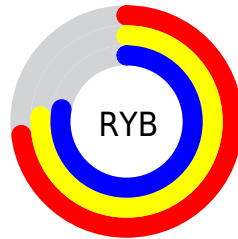
The Yxy color **55.2174, 0.3084, 0.3377** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5696, 0.3173, 0.3205**, and the grayscale version is **54.3407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3520, 0.3093, 0.3358**, and **27.1832, 0.3070, 0.3390** is the 20% darker color. If you saturate the color by 10%, you get **52.3874, 0.3013, 0.3535**, and if you desaturate by 10%, it is **58.4405, 0.3155, 0.3236**.

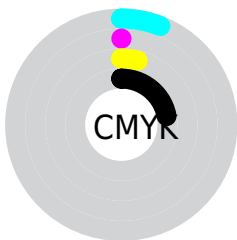
Distribution



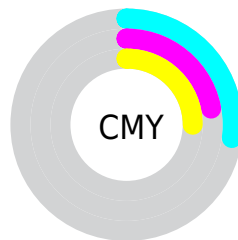
- Red (73%)
- Green (78%)
- Blue (75%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)





- Cyan (27%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2174, 0.3084, 0.3377 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 55.2174, 0.3084, 0.3377 by changing the saturation by 10% instead.


 55.2174, 0.3084,
0.3377

 55.2174, 0.3084,
0.3377


406.7355, 0.3105,
0.3335

 39.5758, 0.3079,
0.3387


 97.8594, 0.3092,
0.3362

 27.2080, 0.3072,
0.3400


125.6286, 0.3094,
0.3356

 17.7295, 0.3064,
0.3418


158.2091, 0.3097,
0.3351

 10.7559, 0.3052,
0.3441

195.9854, 0.3099,
0.3347

 5.9030, 0.3035,
0.3476

239.3418, 0.3101,
0.3343

 2.7862, 0.3008,
0.3530

288.6626, 0.3102,


 1.0211, 0.2958,


0.3340

0.3630

344.3324, 0.3104,
0.3337

 0.0000, 0.0000,
0.0000

 55.2174, 0.3084,
0.3377


 55.2174, 0.3084,
0.3377


 52.3874, 0.3013,
0.3535

 58.4405, 0.3155,
0.3236


 49.9282, 0.2946,
0.3711


 62.0639, 0.3226,
0.3112


 47.8261, 0.2883,
0.3904

 66.1035, 0.3295,
0.3004

 46.0637, 0.2829,
0.4113

 68.3090, 0.3272,
0.2897

 44.6221, 0.2787,
0.4333

 69.0147, 0.3188,
0.2788

■ 43.4804, 0.2760,
0.4561

■ 69.3322, 0.3153,
0.2742

■ 42.6155, 0.2751,
0.4788

■ 42.0001, 0.2761,
0.5006

■ 41.6006, 0.2788,
0.5209

Harmonies

Analogous

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



55.2174, 0.3161, 0.3417



55.2174, 0.3084, 0.3377



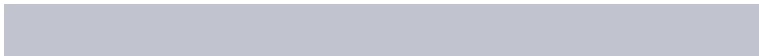
55.2174, 0.3019, 0.3313

Triad

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



55.2174, 0.3084, 0.3377



55.2174, 0.3024, 0.3161



55.2174, 0.3274, 0.3334

Complementary

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



55.2174, 0.3084, 0.3377



51.5696, 0.3173, 0.3205

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.



55.2174, 0.3237, 0.3266



55.2174, 0.3084, 0.3377



55.2174, 0.3092, 0.3167

Square

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



55.2174, 0.3084, 0.3377



55.2174, 0.2984, 0.3188



55.2174, 0.3169, 0.3206



55.2174, 0.3272, 0.3391

Rectangle

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



55.2174, 0.3084, 0.3377



55.2174, 0.2991, 0.3266



55.2174, 0.3169, 0.3206



55.2174, 0.3266, 0.3311

Sweetspot

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



55.2198, 0.3084, 0.3377



98.8555, 0.3113, 0.3319



55.9081, 0.3176, 0.3438



21.1711, 0.3113, 0.3317



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.



55.2198, 0.3084, 0.3377



96.1181, 0.3076, 0.3393



55.4918, 0.3041, 0.3302



12.0813, 0.3074, 0.3399



26.6835, 0.2794, 0.5259



1.2778, 0.2677, 0.4836

Inverse Universe

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



51.5696, 0.3173, 0.3205



88.6651, 0.3181, 0.3189



51.3048, 0.3220, 0.3278



11.0919, 0.3185, 0.3183



8.6365, 0.4594, 0.2305



0.4231, 0.4230, 0.2104

Previews

White Background



This preview shows how the Yxy color 55.2174, 0.3084, 0.3377 looks on a white background.

Color Contrast Check

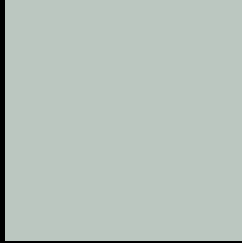
Large Text (above 18pt) WCAG AA × Fail

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 55.2174, 0.3084, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

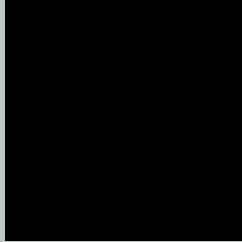
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

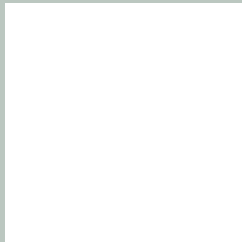
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2174, 0.3084, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 55.2174, 0.3084, 0.3377.



This preview shows how white text looks on a background with the Yxy color 55.2174, 0.3084, 0.3377.

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

55.2174, 0.3084, 0.3377

Protanopia

55.1654, 0.3213, 0.3351

Deuteranopia

55.1690, 0.3303, 0.3244



Tritanopia

55.1805, 0.2966, 0.3097

Trichromacy



Original Color

55.2174, 0.3084, 0.3377

Protanomaly

54.9772, 0.3164, 0.3351

Deuteranomaly

54.9693, 0.3225, 0.3290

Tritanomaly

55.1591, 0.3008, 0.3192

Monochromacy



Original Color

55.2174, 0.3084, 0.3377

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5814, 0.3110, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2174, 0.3084, 0.3377 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(187, 199, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 199, 192) }
```

Border

The CSS property to change the border of an element to Yxy 55.2174, 0.3084, 0.3377 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, 192) }
```

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

```
.border{ border-color:rgb(187, 199, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(187, 199,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2174, 0.3084, 0.3377 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, 192) }
```

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

```
.background{ background-color: rgb(187,  
199, 192) }
```

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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