

Converting Colors

$Y_{xy}(55.2754, 0.3086, 0.3327)$

Have a look what the booklet for
Yxy(55.2754, 0.3086, 0.3327)
contains.

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Color

Yxy(55.2754, 0.3086, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	BEC6C3
RGB	190, 198, 195
RGB Percent	75%, 78%, 76%
CMY	0.2551, 0.2235, 0.2353
CMYK	0.04, 0.00, 0.02, 0.22
HSL	158°, 7%, 76%
HSV	158°, 4%, 78%
XYZ	51.2714, 55.2754, 59.5951
YIQ	195.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

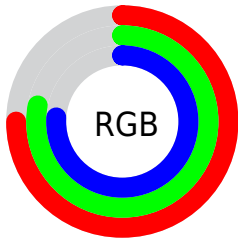
Format	Color
RYB	190, 195, 198
Decimal	12502723
CIELab	79.20, -3.32, 0.54
CIELCh	79, 3.367, 170.796
Yxy	55.2754, 0.3086, 0.3327
Android (android.graphics.Color)	4290692803 (0xFFBEC6C3)
YUV	195.2660, -0.1311, -4.6183
Hunter-Lab	74.3474, -7.0110, 4.5178

Details

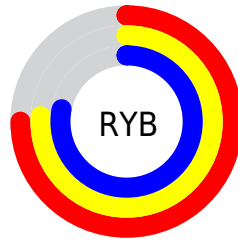
The Yxy color `55.2754, 0.3086, 0.3327` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `52.6662, 0.3170, 0.3253`, and the grayscale version is `54.7401, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.1411, 0.3089, 0.3319`, and `27.1880, 0.3083, 0.3340` is the 20% darker color. If you saturate the color by 10%, you get `52.5723, 0.2987, 0.3425`, and if you desaturate by 10%, it is `58.3463, 0.3187, 0.3239`.

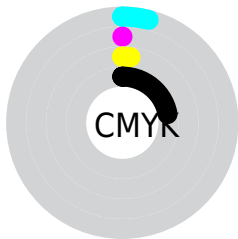
Distribution



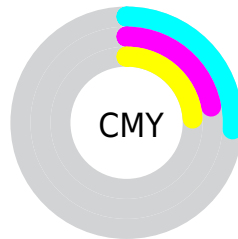
- Red (75%)
- Green (78%)
- Blue (76%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2754, 0.3086, 0.3327 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 55.2754, 0.3086, 0.3327 by changing the saturation by 10% instead.

■ 55.2754, 0.3086,
0.3327

■ 55.2754, 0.3086,
0.3327

406.9550, 0.3106,
0.3309

■ 39.6223, 0.3081,
0.3331

■ 97.9443, 0.3093,
0.3321

■ 27.2441, 0.3075,
0.3337

125.7289, 0.3096,
0.3318

■ 17.7567, 0.3067,
0.3344

158.3261, 0.3098,
0.3316

■ 10.7754, 0.3056,
0.3354

196.1203, 0.3100,
0.3314

■ 5.9160, 0.3040,
0.3368

239.4959, 0.3102,
0.3313

■ 2.7941, 0.3015,
0.3390

288.8373, 0.3104,

■ 1.0252, 0.2971,

0.3311

0.3431

344.5289, 0.3105,
0.3310

0.0000, 0.0000,
0.0000

55.2754, 0.3086,
0.3327

55.2754, 0.3086,
0.3327

52.5723, 0.2987,
0.3425

58.3463, 0.3187,
0.3239

50.2157, 0.2892,
0.3534

61.7912, 0.3289,
0.3161

48.1930, 0.2804,
0.3652


65.6252, 0.3390,
0.3092


46.4881, 0.2727,
0.3780


67.0738, 0.3377,
0.3021

45.0832, 0.2664,
0.3915


67.4867, 0.3321,
0.2948


 43.9593, 0.2616,
0.4056


 67.9173, 0.3265,
0.2877


 43.0944, 0.2588,
0.4201

 68.3660, 0.3211,
0.2807

 42.4639, 0.2579,
0.4346

 68.8328, 0.3158,
0.2738

 42.0373, 0.2591,
0.4489

 68.8759, 0.3153,
0.2732

Harmonies

Analogous

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



55.2754, 0.3130, 0.3356



55.2754, 0.3086, 0.3327



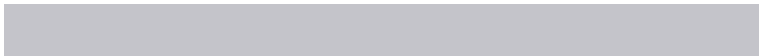
55.2754, 0.3054, 0.3288

Triad

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



55.2754, 0.3086, 0.3327



55.2754, 0.3081, 0.3214



55.2754, 0.3214, 0.3330

Complementary

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



55.2754, 0.3086, 0.3327



52.6662, 0.3170, 0.3253

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.



55.2754, 0.3201, 0.3292



55.2754, 0.3086, 0.3327



55.2754, 0.3124, 0.3225

Square

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



55.2754, 0.3086, 0.3327



55.2754, 0.3051, 0.3223



55.2754, 0.3168, 0.3254



55.2754, 0.3204, 0.3358

Rectangle

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



55.2754, 0.3086, 0.3327



55.2754, 0.3043, 0.3262



55.2754, 0.3168, 0.3254



55.2754, 0.3213, 0.3318

Sweetspot

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



55.2778, 0.3086, 0.3327



99.4582, 0.3117, 0.3299



55.4555, 0.3147, 0.3389



21.2939, 0.3117, 0.3299



0.0000, 0.0000, 0.0000



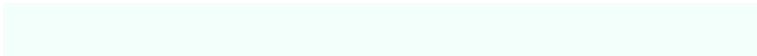
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2778, 0.3086, 0.3327



97.3577, 0.3076, 0.3336



54.9872, 0.3065, 0.3278



12.2287, 0.3070, 0.3342



27.2263, 0.2598, 0.4554



1.3029, 0.2516, 0.4259

Inverse Universe

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



52.6662, 0.3170, 0.3253



91.6302, 0.3181, 0.3244



52.9413, 0.3193, 0.3302



11.4312, 0.3188, 0.3239



8.1459, 0.5458, 0.2780



0.3997, 0.4888, 0.2466

Previews

White Background



This preview shows how the Yxy color 55.2754, 0.3086, 0.3327 looks on a white background.

Color Contrast Check

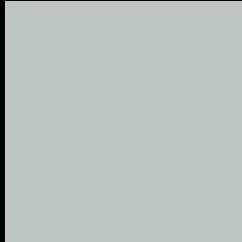
Large Text (above 18pt) WCAG AA × Fail

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 55.2754, 0.3086, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

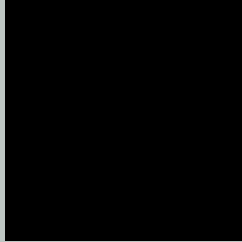
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

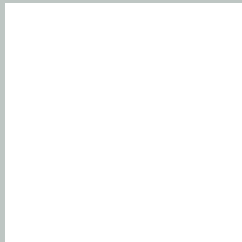
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2754, 0.3086, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 55.2754, 0.3086, 0.3327.



This preview shows how white text looks on a background with the Yxy color 55.2754, 0.3086, 0.3327.

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

55.2754, 0.3086, 0.3327

Protanopia

55.1598, 0.3182, 0.3314

Deuteranopia

55.1543, 0.3271, 0.3209



Tritanopia

55.5205, 0.2996, 0.3110

Trichromacy



Original Color

55.2754, 0.3086, 0.3327

Protanomaly

55.1107, 0.3142, 0.3314

Deuteranomaly

55.1046, 0.3202, 0.3254

Tritanomaly

55.5468, 0.3031, 0.3193

Monochromacy



Original Color

55.2754, 0.3086, 0.3327

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.7574, 0.3111, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2754, 0.3086, 0.3327 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(190, 198, 195)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 195)  
}
```

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(190, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 195) }
```

Border

The CSS property to change the border of an element to Yxy 55.2754, 0.3086, 0.3327 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(190, 198, 195) }
```

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

```
.border{ border-color:rgb(190, 198, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2754, 0.3086, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 195) }
```

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

```
.background{ background-color: rgb(190,  
198, 195) }
```

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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