

Converting Colors

$Yxy(55.8494, 0.3018, 0.3264)$

Have a look what the booklet for
Yxy(55.8494, 0.3018, 0.3264)
contains.

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Color

Yxy(55.6287, 0.3020, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	BBC7C9
RGB	187, 199, 201
RGB Percent	73%, 78%, 79%
CMY	0.2668, 0.2196, 0.2117
CMYK	0.07, 0.01, 0.00, 0.21
HSL	189°, 12%, 76%
HSV	189°, 7%, 79%
XYZ	51.4544, 55.6287, 63.2957
YIQ	195.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

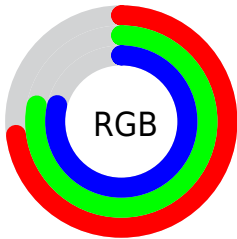
Format	Color
RYB	187, 193, 201
Decimal	12306377
CIELab	79.40, -3.71, -2.43
CIELCh	79, 4.437, 213.221
Yxy	55.6287, 0.3020, 0.3265
Android (android.graphics.Color)	4290496457 (0xFFBBC7C9)
YUV	195.6400, 2.6425, -7.5773
Hunter-Lab	74.5846, -7.3797, 1.8932

Details

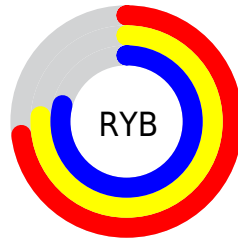
The Yxy color **55.6287, 0.3020, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3893, 0.3243, 0.3315**, and the grayscale version is **54.9611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **27.4257, 0.2995, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **51.9624, 0.2870, 0.3226**, and if you desaturate by 10%, it is **59.6795, 0.3174, 0.3300**.

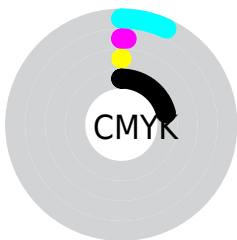
Distribution



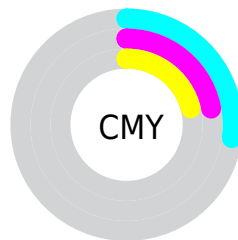
- Red (73%)
- Green (78%)
- Blue (79%)



- Red (73%)
- Yellow (76%)
- Blue (79%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (27%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6287, 0.3020, 0.3265 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 55.6287, 0.3020, 0.3265 by changing the saturation by 10% instead.

■ 55.6287, 0.3020,
0.3265

■ 55.6287, 0.3020,
0.3265

408.2907, 0.3072,
0.3277

■ 39.9053, 0.3008,
0.3262

■ 98.4615, 0.3038,
0.3269

■ 27.4647, 0.2992,
0.3258

126.3397, 0.3046,
0.3271

■ 17.9225, 0.2971,
0.3253

159.0382, 0.3052,
0.3273

■ 10.8944, 0.2943,
0.3246

196.9416, 0.3057,
0.3274

■ 5.9959, 0.2903,
0.3235

240.4341, 0.3061,
0.3275

■ 2.8426, 0.2841,
0.3219

289.9002, 0.3065,

■ 1.0501, 0.2732,

0.3276

0.3187

345.7243, 0.3069,
0.3277

0.0000, 0.0000,
0.0000

55.6287, 0.3020,
0.3265

55.6287, 0.3020,
0.3265

51.9624, 0.2870,
0.3226

59.6795, 0.3174,
0.3300

48.6588, 0.2727,
0.3185

64.1216, 0.3328,
0.3332

45.7043, 0.2593,
0.3140

68.9707, 0.3482,
0.3360

43.0820, 0.2472,
0.3093

71.8169, 0.3536,
0.3388

40.7732, 0.2367,
0.3044

73.2517, 0.3530,
0.3417

■ 38.7574, 0.2279,
0.2994

■ 74.7121, 0.3524,
0.3446

■ 37.0115, 0.2210,
0.2943

■ 76.1982, 0.3518,
0.3475

■ 35.5082, 0.2160,
0.2893

■ 77.7102, 0.3513,
0.3504

■ 34.2113, 0.2127,
0.2843

■ 79.2481, 0.3507,
0.3533

Harmonies

Analogous

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



55.6287, 0.3053, 0.3318



55.6287, 0.3020, 0.3265



55.6287, 0.3016, 0.3219

Triad

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



55.6287, 0.3020, 0.3265



55.6287, 0.3148, 0.3218



55.6287, 0.3214, 0.3388

Complementary

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



55.6287, 0.3020, 0.3265



52.3893, 0.3243, 0.3315

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.



55.6287, 0.3240, 0.3360



55.6287, 0.3020, 0.3265



55.6287, 0.3202, 0.3262

Square

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



55.6287, 0.3020, 0.3265



55.6287, 0.3089, 0.3193



55.6287, 0.3236, 0.3314



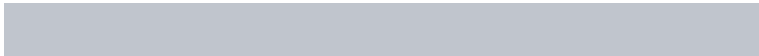
55.6287, 0.3165, 0.3389

Rectangle

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



55.6287, 0.3020, 0.3265



55.6287, 0.3029, 0.3199



55.6287, 0.3236, 0.3314



55.6287, 0.3226, 0.3381

Sweetspot

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



55.6311, 0.3020, 0.3265



98.5817, 0.3096, 0.3283



56.0102, 0.3106, 0.3441



21.1154, 0.3097, 0.3283



0.0000, 0.0000, 0.0000



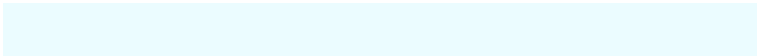
21.4041, 0.3127, 0.3290

Same Dimension

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



55.6311, 0.3020, 0.3265



94.4893, 0.3003, 0.3261



52.5291, 0.3021, 0.3179



11.7993, 0.2984, 0.3256



21.3762, 0.2121, 0.2835



1.0848, 0.2150, 0.2939

Inverse Universe

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



52.0696, 0.3151, 0.3145



87.4816, 0.3154, 0.3121



55.4262, 0.3235, 0.3398



10.7896, 0.3159, 0.3094



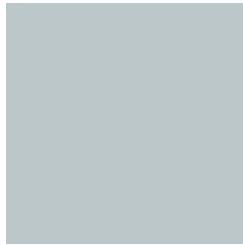
9.6979, 0.3602, 0.1758



0.4665, 0.3508, 0.1706

Previews

White Background



This preview shows how the Yxy color 55.6287, 0.3020, 0.3265 looks on a white background.

Color Contrast Check

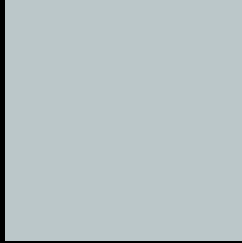
Large Text (above 18pt) WCAG AA × Fail

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 55.6287, 0.3020, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

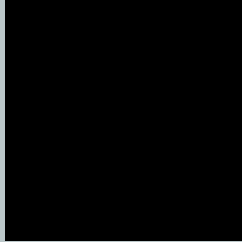
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

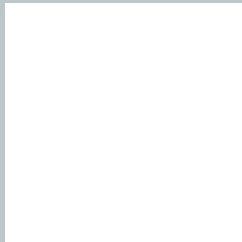
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6287, 0.3020, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 55.6287, 0.3020, 0.3265.

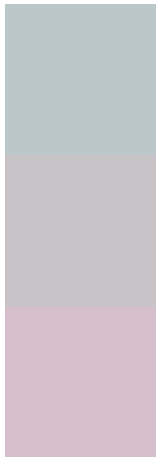


This preview shows how white text looks on a background with the Yxy color 55.6287, 0.3020, 0.3265.

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

55.6287, 0.3020, 0.3265

Protanopia

55.2958, 0.3129, 0.3242

Deuteranopia

55.7195, 0.3215, 0.3151



Tritanopia

55.5554, 0.2952, 0.3097

Trichromacy



Original Color

55.6287, 0.3020, 0.3265

Protanomaly

55.2521, 0.3090, 0.3241

Deuteranomaly

55.6852, 0.3148, 0.3195

Tritanomaly

55.6830, 0.2972, 0.3156

Monochromacy



Original Color

55.6287, 0.3020, 0.3265

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3472, 0.3088, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6287, 0.3020, 0.3265 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(187, 199, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 199, 201) }
```

Border

The CSS property to change the border of an element to Yxy 55.6287, 0.3020, 0.3265 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, 201) }
```

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

```
.border{ border-color:rgb(187, 199, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(187, 199,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6287, 0.3020, 0.3265 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, 201) }
```

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

```
.background{ background-color: rgb(187,  
199, 201) }
```

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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