

Converting Colors

$Yxy(55.3588, 0.3032, 0.3423)$

Have a look what the booklet for
Yxy(55.3588, 0.3032, 0.3423)
contains.

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Color

Yxy(55.1186, 0.3029, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	B3C9BF
RGB	179, 201, 191
RGB Percent	70%, 79%, 75%
CMY	0.2982, 0.2117, 0.2509
CMYK	0.11, 0.00, 0.05, 0.21
HSL	153°, 17%, 75%
HSV	153°, 11%, 79%
XYZ	48.8742, 55.1186, 57.3614
YIQ	193.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

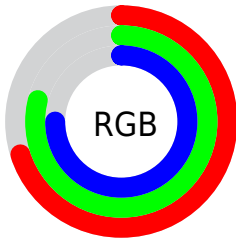
Format	Color
RYB	179, 193, 201
Decimal	11782591
CIELab	79.11, -9.38, 2.45
CIELCh	79, 9.695, 165.344
Yxy	55.1186, 0.3029, 0.3416
Android (android.graphics.Color)	4289972671 (0xFFB3C9BF)
YUV	193.2820, -1.1250, -12.5253
Hunter-Lab	74.2419, -12.4150, 6.1602

Details

The Yxy color **55.1186, 0.3029, 0.3416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3136, 0.3237, 0.3167**, and the grayscale version is **53.5114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8976, 0.3050, 0.3369**, and **27.1380, 0.2998, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **52.5097, 0.2943, 0.3544**, and if you desaturate by 10%, it is **58.1062, 0.3118, 0.3301**.

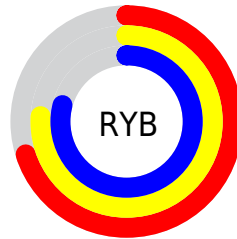
Distribution



Red (70%)

Green (79%)

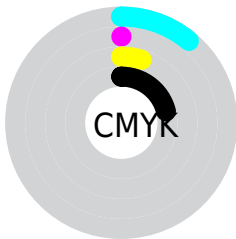
Blue (75%)



Red (70%)

Yellow (76%)

Blue (79%)

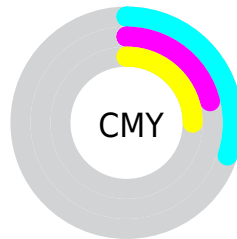


Cyan (11%)

Magenta (0%)

Yellow (5%)

Black (21%)



Cyan (30%)


Magenta (21%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1186, 0.3029, 0.3416 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 55.1186, 0.3029, 0.3416 by changing the saturation by 10% instead.

 55.1186, 0.3029,
0.3416

 55.1186, 0.3029,
0.3416


406.3613, 0.3077,
0.3354

 39.4967, 0.3017,
0.3431

 97.7147, 0.3046,
0.3394

 27.1463, 0.3002,
0.3450


125.4577, 0.3053,
0.3385

 17.6832, 0.2983,
0.3475


158.0098, 0.3058,
0.3378

 10.7228, 0.2956,
0.3510

195.7555, 0.3063,
0.3372

 5.8807, 0.2918,
0.3561

239.0790, 0.3067,
0.3367

 2.7727, 0.2857,
0.3641

288.3650, 0.3071,

 1.0142, 0.2732,

0.3362

0.3798

343.9976, 0.3074,
0.3358

0.0000, 0.0000,
0.0000

55.1186, 0.3029,
0.3416

55.1186, 0.3029,
0.3416

52.5097, 0.2943,
0.3544

58.1062, 0.3118,
0.3301

50.2571, 0.2862,
0.3686

61.4802, 0.3209,
0.3198

48.3464, 0.2789,
0.3839

65.2565, 0.3298,
0.3107

46.7598, 0.2728,
0.4004

68.6119, 0.3352,
0.3024

45.4775, 0.2683,
0.4176

69.1299, 0.3284,
0.2935

■ 44.4778, 0.2655,
0.4353

■ 69.6748, 0.3218,
0.2848

■ 43.7356, 0.2646,
0.4531

■ 70.2472, 0.3153,
0.2764

■ 43.2213, 0.2658,
0.4704

■ 70.2604, 0.3152,
0.2762

■ 42.9040, 0.2682,
0.4856

Harmonies

Analogous

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



55.1186, 0.3156, 0.3494



55.1186, 0.3029, 0.3416



55.1186, 0.2929, 0.3303

Triad

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



55.1186, 0.3029, 0.3416



55.1186, 0.2976, 0.3073



55.1186, 0.3379, 0.3383

Complementary

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



55.1186, 0.3029, 0.3416



48.3136, 0.3237, 0.3167

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.



55.1186, 0.3328, 0.3273



55.1186, 0.3029, 0.3416



55.1186, 0.3094, 0.3096

Square

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



55.1186, 0.3029, 0.3416



55.1186, 0.2899, 0.3106



55.1186, 0.3223, 0.3169



55.1186, 0.3360, 0.3472

Rectangle

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



55.1186, 0.3029, 0.3416



55.1186, 0.2891, 0.3225



55.1186, 0.3223, 0.3169



55.1186, 0.3369, 0.3347

Sweetspot

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



55.1209, 0.3029, 0.3416



98.3565, 0.3100, 0.3323



55.8840, 0.3195, 0.3566



20.9605, 0.3092, 0.3333



0.0000, 0.0000, 0.0000



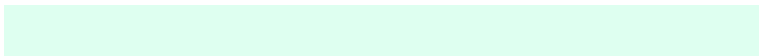
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1209, 0.3029, 0.3416



93.3157, 0.3010, 0.3443



55.2343, 0.2960, 0.3280



11.9833, 0.3043, 0.3397



26.9905, 0.2676, 0.4832



1.2925, 0.2577, 0.4478

Inverse Universe

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



48.3136, 0.3237, 0.3167



79.5301, 0.3263, 0.3142



48.1898, 0.3320, 0.3300



10.7155, 0.3220, 0.3186



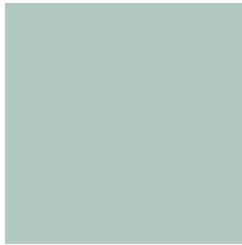
8.3017, 0.5136, 0.2603



0.4076, 0.4632, 0.2326

Previews

White Background



This preview shows how the Yxy color 55.1186, 0.3029, 0.3416 looks on a white background.

Color Contrast Check

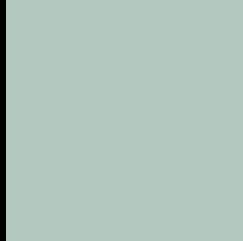
Large Text (above 18pt) WCAG AA × Fail

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 55.1186, 0.3029, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

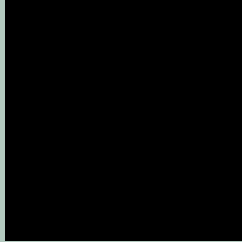
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

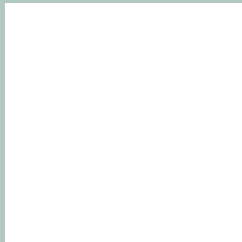
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1186, 0.3029, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 55.1186, 0.3029, 0.3416.

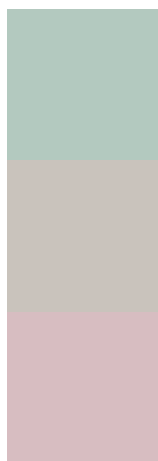


This preview shows how white text looks on a background with the Yxy color 55.1186, 0.3029, 0.3416.

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

55.1186, 0.3029, 0.3416

Protanopia

55.0786, 0.3228, 0.3375

Deuteranopia

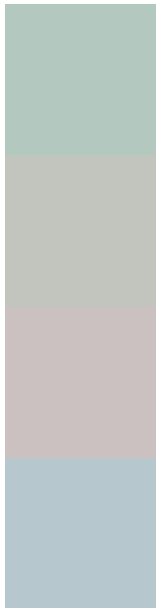
54.6925, 0.3312, 0.3244



Tritanopia

55.2595, 0.2908, 0.3107

Trichromacy



Original Color

55.1186, 0.3029, 0.3416

Protanomaly

54.9441, 0.3154, 0.3389

Deuteranomaly

54.5023, 0.3208, 0.3302

Tritanomaly

55.1997, 0.2955, 0.3215

Monochromacy



Original Color

55.1186, 0.3029, 0.3416

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.9770, 0.3093, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1186, 0.3029, 0.3416 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(179, 201, 191)` looks like.

```
.text, #text, p{  
    color:rgb(179, 201, 191)  
}
```

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(179, 201, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 201, 191) }
```

Border

The CSS property to change the border of an element to Yxy 55.1186, 0.3029, 0.3416 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(179, 201, 191) }
```

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

```
.border{ border-color:rgb(179, 201, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 201, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 201, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 201, 191);  
box-shadow:4px 4px 4px 4px rgb(179, 201,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1186, 0.3029, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 201, 191) }
```

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

```
.background{ background-color: rgb(179,  
201, 191) }
```

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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