

Converting Colors

Yxy(56.1128, 0.3193, 0.3567)

Have a look what the booklet for
Yxy(56.1128, 0.3193, 0.3567)
contains.

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Color

Yxy(55.8468, 0.3192, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	BDC9B3
RGB	189, 201, 179
RGB Percent	74%, 79%, 70%
CMY	0.2590, 0.2117, 0.2980
CMYK	0.06, 0.00, 0.11, 0.21
HSL	93°, 17%, 75%
HSV	93°, 11%, 79%
XYZ	50.0036, 55.8468, 50.8026
YIQ	194.9040, -0.0900, -9.3860

Conversions

Conversions Part 2

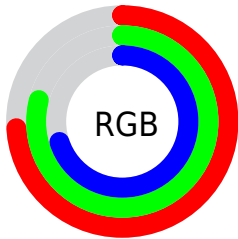
Format	Color
RYB	179, 201, 191
Decimal	12437939
CIELab	79.53, -8.12, 9.58
CIELCh	80, 12.555, 130.270
Yxy	55.8468, 0.3192, 0.3565
Android (android.graphics.Color)	4290628019 (0xFFBDC9B3)
YUV	194.9040, -7.8407, -5.1778
Hunter-Lab	74.7307, -11.3413, 12.0057

Details

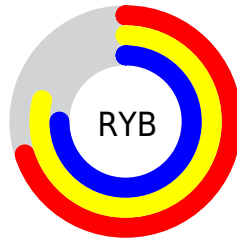
The Yxy color **55.8468, 0.3192, 0.3565** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5529, 0.3056, 0.3017**, and the grayscale version is **54.5592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9306, 0.3180, 0.3487**, and **27.6080, 0.3215, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **53.7385, 0.3250, 0.3839**, and if you desaturate by 10%, it is **58.1855, 0.3133, 0.3313**.

Distribution



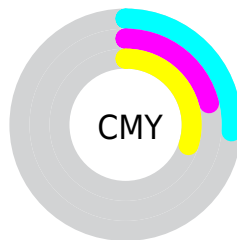
- Red (74%)
- Green (79%)
- Blue (70%)



- Red (70%)
- Yellow (79%)
- Blue (75%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)





- Cyan (26%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8468, 0.3192, 0.3565 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 55.8468, 0.3192, 0.3565 by changing the saturation by 10% instead.


 55.8468, 0.3192,
0.3565

 55.8468, 0.3192,
0.3565


409.1139, 0.3162,
0.3430

 40.0801, 0.3199,
0.3598


 98.7805, 0.3181,
0.3516

 27.6010, 0.3208,
0.3640


126.7164, 0.3177,
0.3498

 18.0251, 0.3219,
0.3696


159.4774, 0.3174,
0.3482

 10.9680, 0.3233,
0.3773

197.4480, 0.3171,
0.3469

 6.0453, 0.3253,
0.3885

241.0125, 0.3168,
0.3457

 2.8727, 0.3280,
0.4064

290.5554, 0.3166,

 1.0656, 0.3425,

0.3447

0.4537

346.4611, 0.3163,
0.3438

0.0000, 0.0000,
0.0000

55.8468, 0.3192,
0.3565

55.8468, 0.3192,
0.3565

53.7385, 0.3250,
0.3839

58.1855, 0.3133,
0.3313

51.8460, 0.3304,
0.4132

60.7546, 0.3074,
0.3084

50.1636, 0.3350,
0.4435

63.5630, 0.3017,
0.2878

48.6831, 0.3385,
0.4739

66.3290, 0.2992,
0.2736

47.3951, 0.3405,
0.5029

68.2420, 0.3072,
0.2749

■ 46.2897, 0.3406,
0.5289

■ 70.2600, 0.3152,
0.2762

■ 45.3558, 0.3386,
0.5504

■ 44.5804, 0.3347,
0.5663

■ 43.9957, 0.3299,
0.5763

Harmonies

Analogous

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



55.8468, 0.3343, 0.3576



55.8468, 0.3192, 0.3565



55.8468, 0.3026, 0.3475

Triad

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



55.8468, 0.3192, 0.3565



55.8468, 0.2825, 0.3066



55.8468, 0.3368, 0.3243

Complementary

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



55.8468, 0.3192, 0.3565



47.5529, 0.3056, 0.3017

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.



55.8468, 0.3224, 0.3116



55.8468, 0.3192, 0.3565



55.8468, 0.2911, 0.3013

Square

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



55.8468, 0.3192, 0.3565



55.8468, 0.2817, 0.3181



55.8468, 0.3056, 0.3032



55.8468, 0.3447, 0.3385

Rectangle

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



55.8468, 0.3192, 0.3565



55.8468, 0.2930, 0.3383



55.8468, 0.3056, 0.3032



55.8468, 0.3325, 0.3197

Sweetspot

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



55.8492, 0.3192, 0.3565



98.7304, 0.3145, 0.3364



52.8282, 0.3303, 0.3435



21.0611, 0.3150, 0.3384



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.



55.8492, 0.3192, 0.3565



94.7611, 0.3205, 0.3625



54.6516, 0.3109, 0.3562



12.1186, 0.3183, 0.3524



27.7113, 0.3309, 0.5754



1.3550, 0.3476, 0.5622

Inverse Universe

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



47.5529, 0.3056, 0.3017



77.9117, 0.3040, 0.2958



48.8517, 0.3145, 0.3032



10.5691, 0.3067, 0.3057



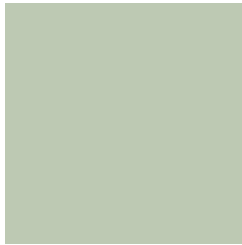
4.7979, 0.2129, 0.0946



0.2698, 0.2347, 0.1067

Previews

White Background



This preview shows how the Yxy color 55.8468, 0.3192, 0.3565 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 55.8468, 0.3192, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

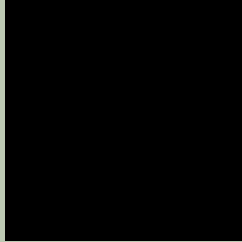
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

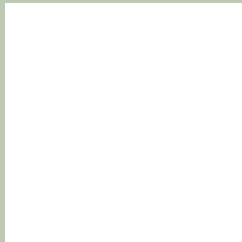
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8468, 0.3192, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 55.8468, 0.3192, 0.3565.



This preview shows how white text looks on a background with the Yxy color 55.8468, 0.3192, 0.3565.

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

55.8468, 0.3192, 0.3565

Protanopia

55.6333, 0.3344, 0.3520

Deuteranopia

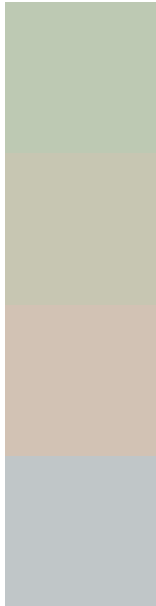
55.6927, 0.3467, 0.3395



Tritanopia

55.7027, 0.2997, 0.3098

Trichromacy



Original Color

55.8468, 0.3192, 0.3565

Protanomaly

55.7446, 0.3284, 0.3535

Deuteranomaly

55.5805, 0.3366, 0.3458

Tritanomaly

55.7648, 0.3066, 0.3265

Monochromacy



Original Color

55.8468, 0.3192, 0.3565

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9441, 0.3154, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8468, 0.3192, 0.3565 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(189, 201, 179)` looks like.

```
.text, #text, p{  
    color:rgb(189, 201, 179)  
}
```

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(189, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 201, 179) }
```

Border

The CSS property to change the border of an element to Yxy 55.8468, 0.3192, 0.3565 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(189, 201, 179) }
```

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

```
.border{ border-color:rgb(189, 201, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 201, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 201, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 201, 179); box-shadow:4px 4px 4px 4px rgb(189, 201, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8468, 0.3192, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 201, 179) }
```

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

```
.background{ background-color: rgb(189,  
201, 179) }
```

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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