

Converting Colors

$Yxy(55.3952, 0.3262, 0.3882)$

Have a look what the booklet for
Yxy(55.3952, 0.3262, 0.3882)
contains.

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Color

Yxy(55.3577, 0.3269, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	B4CC9E
RGB	180, 204, 158
RGB Percent	71%, 80%, 62%
CMY	0.2940, 0.2000, 0.3804
CMYK	0.12, 0.00, 0.23, 0.20
HSL	91°, 31%, 71%
HSV	91°, 23%, 80%
XYZ	46.5923, 55.3577, 40.5776
YIQ	191.5800, 0.4620, -19.3940

Conversions

Conversions Part 2

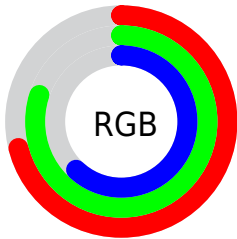
Format	Color
RYB	158, 204, 182
Decimal	11848862
CIELab	79.25, -16.31, 20.29
CIELCh	79, 26.032, 128.783
Yxy	55.3577, 0.3269, 0.3884
Android (android.graphics.Color)	4290038942 (0xFFB4CC9E)
YUV	191.5800, -16.5549, -10.1557
Hunter-Lab	74.4028, -18.4251, 19.7465

Details

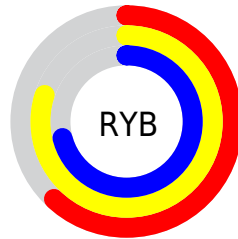
The Yxy color **55.3577, 0.3269, 0.3884** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.7553, 0.2955, 0.2700**, and the grayscale version is **52.5569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1570, 0.3252, 0.3717**, and **27.3653, 0.3304, 0.4062** is the 20% darker color. If you saturate the color by 10%, you get **53.4874, 0.3327, 0.4177**, and if you desaturate by 10%, it is **57.4473, 0.3207, 0.3607**.

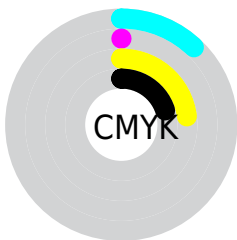
Distribution



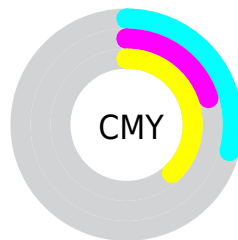
- Red (71%)
- Green (80%)
- Blue (62%)



- Red (62%)
- Yellow (80%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)




- Cyan (29%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3577, 0.3269, 0.3884 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 55.3577, 0.3269, 0.3884 by changing the saturation by 10% instead.


 55.3577, 0.3269,
0.3884


 55.3577, 0.3269,
0.3884


407.2664, 0.3205,
0.3587

 39.6882, 0.3283,
0.3958


 98.0648, 0.3247,
0.3776

 27.2955, 0.3299,
0.4052


 125.8713, 0.3239,
0.3736

 17.7953, 0.3319,
0.4177


158.4921, 0.3231,
0.3702

 10.8031, 0.3342,
0.4350

196.3117, 0.3225,
0.3672

 5.9346, 0.3367,
0.4603

239.7146, 0.3219,
0.3647

 2.8054, 0.3385,
0.5007

289.0851, 0.3214,

 1.0310, 0.3580,

0.3624

0.6420

344.8076, 0.3209,
0.3605

0.0000, 0.0000,
0.0000

55.3577, 0.3269,
0.3884

55.3577, 0.3269,
0.3884

53.4874, 0.3327,
0.4177

57.4473, 0.3207,
0.3607

51.8212, 0.3376,
0.4478

59.7564, 0.3143,
0.3352

50.3530, 0.3413,
0.4777

62.2945, 0.3080,
0.3118

49.0737, 0.3434,
0.5058

65.0683, 0.3019,
0.2908

47.9731, 0.3435,
0.5308

67.7579, 0.2993,
0.2767

■ 47.0399, 0.3414,
0.5511

■ 69.6029, 0.3069,
0.2779

■ 46.2607, 0.3373,
0.5657

■ 71.5575, 0.3146,
0.2791

■ 45.7646, 0.3333,
0.5735

■ 71.6643, 0.3151,
0.2791

Harmonies

Analogous

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



55.3577, 0.3583, 0.3882



55.3577, 0.3269, 0.3884



55.3577, 0.2928, 0.3699

Triad

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



55.3577, 0.3269, 0.3884



55.3577, 0.2509, 0.2831



55.3577, 0.3618, 0.3172

Complementary

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



55.3577, 0.3269, 0.3884



38.7553, 0.2955, 0.2700

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.



55.3577, 0.3305, 0.2927



55.3577, 0.3269, 0.3884



55.3577, 0.2671, 0.2730

Square

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



55.3577, 0.3269, 0.3884



55.3577, 0.2502, 0.3065



55.3577, 0.2957, 0.2768



55.3577, 0.3796, 0.3455

Rectangle

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



55.3577, 0.3269, 0.3884



55.3577, 0.2732, 0.3498



55.3577, 0.2957, 0.2768



55.3577, 0.3525, 0.3084

Sweetspot

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



55.3601, 0.3269, 0.3884



97.1817, 0.3172, 0.3465



48.6659, 0.3520, 0.3588



20.7508, 0.3176, 0.3481



0.0000, 0.0000, 0.0000



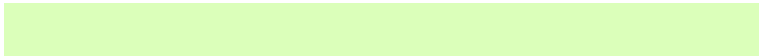
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3601, 0.3269, 0.3884



90.1511, 0.3297, 0.4023



52.9489, 0.3093, 0.3905



12.7961, 0.3187, 0.3524



28.8605, 0.3343, 0.5727



1.5340, 0.3496, 0.5606

Inverse Universe

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



38.7553, 0.2955, 0.2700



57.9345, 0.2910, 0.2563



41.6144, 0.3160, 0.2743



11.1267, 0.3063, 0.3056



4.7398, 0.2073, 0.0915



0.2896, 0.2283, 0.1031

Previews

White Background



This preview shows how the Yxy color 55.3577, 0.3269, 0.3884 looks on a white background.

Color Contrast Check

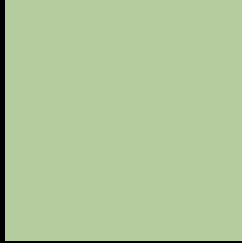
Large Text (above 18pt) WCAG AA × Fail

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 55.3577, 0.3269, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

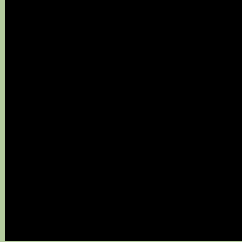
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

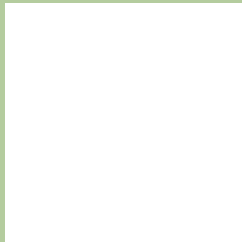
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3577, 0.3269, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 55.3577, 0.3269, 0.3884.



This preview shows how white text looks on a background with the Yxy color 55.3577, 0.3269, 0.3884.

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

55.3577, 0.3269, 0.3884

Protanopia

55.3683, 0.3558, 0.3799

Deuteranopia

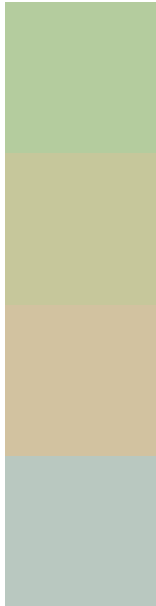
54.8705, 0.3683, 0.3602



Tritanopia

55.3773, 0.2952, 0.3108

Trichromacy



Original Color

55.3577, 0.3269, 0.3884

Protanomaly

55.2192, 0.3449, 0.3837

Deuteranomaly

54.8233, 0.3525, 0.3701

Tritanomaly

55.4286, 0.3068, 0.3390

Monochromacy



Original Color

55.3577, 0.3269, 0.3884

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4665, 0.3182, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3577, 0.3269, 0.3884 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(180, 204, 158)` looks like.

```
.text, #text, p{  
    color:rgb(180, 204, 158)  
}
```

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(180, 204, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 204, 158) }
```

Border

The CSS property to change the border of an element to Yxy 55.3577, 0.3269, 0.3884 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(180, 204, 158) }
```

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

```
.border{ border-color:rgb(180, 204, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 204, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 204, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 204, 158);  
box-shadow:4px 4px 4px 4px rgb(180, 204,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3577, 0.3269, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 204, 158) }
```

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

```
.background{ background-color: rgb(180,  
204, 158) }
```

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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