

Converting Colors

Yxy(55.6952, 0.3185, 0.3608)

Have a look what the booklet for
Yxy(55.6952, 0.3185, 0.3608)
contains.

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Color

Yxy(55.8545, 0.3182, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	BACAB1
RGB	186, 202, 177
RGB Percent	73%, 79%, 69%
CMY	0.2707, 0.2078, 0.3059
CMYK	0.08, 0.00, 0.12, 0.21
HSL	98°, 19%, 74%
HSV	98°, 12%, 79%
XYZ	49.3007, 55.8545, 49.7810
YIQ	194.3660, -1.5110, -11.1670

Conversions

Conversions Part 2

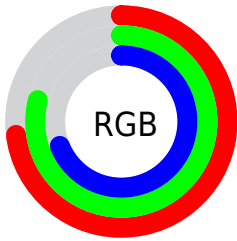
Format	Color
RYB	177, 202, 193
Decimal	12241585
CIELab	79.53, -10.03, 10.63
CIElCh	80, 14.621, 133.339
Yxy	55.8545, 0.3182, 0.3605
Android (android.graphics.Color)	4290431665 (0xFFBACAB1)
YUV	194.3660, -8.5614, -7.3370
Hunter-Lab	74.7359, -13.0374, 12.8225

Details

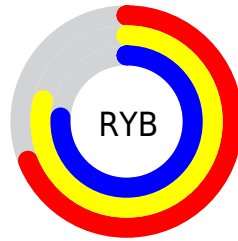
The Yxy color $55.8545, 0.3182, 0.3605$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.0568, 0.3065, 0.2981$, and the grayscale version is $54.2279, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2804, 0.3173, 0.3508$, and $27.6216, 0.3201, 0.3700$ is the 20% darker color. If you saturate the color by 10%, you get $53.5598, 0.3224, 0.3887$, and if you desaturate by 10%, it is $58.4206, 0.3138, 0.3347$.

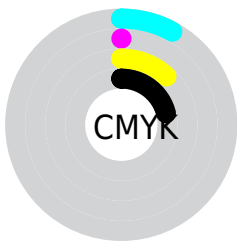
Distribution



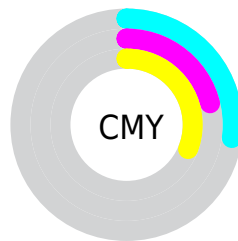
- Red (73%)
- Green (79%)
- Blue (69%)



- Red (69%)
- Yellow (79%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8545, 0.3182, 0.3605 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 55.8545, 0.3182, 0.3605 by changing the saturation by 10% instead.


 55.8545, 0.3182,
0.3605

 55.8545, 0.3182,
0.3605

409.1429, 0.3157,
0.3450

 40.0863, 0.3188,
0.3643


 98.7918, 0.3173,
0.3549

 27.6058, 0.3195,
0.3692


126.7297, 0.3170,
0.3528

 18.0287, 0.3203,
0.3756


159.4929, 0.3167,
0.3510

 10.9706, 0.3214,
0.3845

197.4659, 0.3164,
0.3494

 6.0471, 0.3228,
0.3975

241.0329, 0.3162,
0.3481

 2.8737, 0.3245,
0.4184

290.5786, 0.3160,

 1.0662, 0.3399,

0.3469

0.4782

346.4871, 0.3158,
0.3459

0.0000, 0.0000,
0.0000

55.8545, 0.3182,
0.3605

55.8545, 0.3182,
0.3605

53.5598, 0.3224,
0.3887

58.4206, 0.3138,
0.3347

51.5201, 0.3262,
0.4189

61.2594, 0.3093,
0.3116

49.7281, 0.3292,
0.4504

64.3817, 0.3050,
0.2909

48.1735, 0.3312,
0.4820

67.6127, 0.3027,
0.2752

46.8452, 0.3317,
0.5122

69.9355, 0.3121,
0.2767

■ 45.7310, 0.3305,
0.5390

■ 70.7271, 0.3151,
0.2772

■ 44.8174, 0.3276,
0.5609

■ 44.0887, 0.3232,
0.5765

■ 43.6399, 0.3192,
0.5847

Harmonies

Analogous

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



55.8545, 0.3363, 0.3626



55.8545, 0.3182, 0.3605



55.8545, 0.2991, 0.3491

Triad

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



55.8545, 0.3182, 0.3605



55.8545, 0.2782, 0.3019



55.8545, 0.3422, 0.3251

Complementary

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



55.8545, 0.3182, 0.3605



47.0568, 0.3065, 0.2981

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.



55.8545, 0.3258, 0.3101



55.8545, 0.3182, 0.3605



55.8545, 0.2890, 0.2967

Square

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



55.8545, 0.3182, 0.3605



55.8545, 0.2764, 0.3146



55.8545, 0.3063, 0.2998



55.8545, 0.3505, 0.3416

Rectangle

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



55.8545, 0.3182, 0.3605



55.8545, 0.2883, 0.3380



55.8545, 0.3063, 0.2998



55.8545, 0.3374, 0.3198

Sweetspot

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



55.8569, 0.3182, 0.3605



98.1401, 0.3145, 0.3389



53.8042, 0.3324, 0.3484



20.9330, 0.3149, 0.3408



0.0000, 0.0000, 0.0000



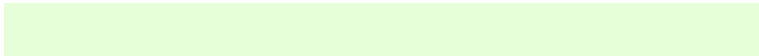
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8569, 0.3182, 0.3605



93.4154, 0.3194, 0.3682



54.9044, 0.3089, 0.3568



12.7293, 0.3169, 0.3526



28.1236, 0.3202, 0.5840



1.4933, 0.3359, 0.5715

Inverse Universe

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



47.0568, 0.3065, 0.2981



75.4694, 0.3049, 0.2907



48.1145, 0.3168, 0.3027



11.1949, 0.3081, 0.3058



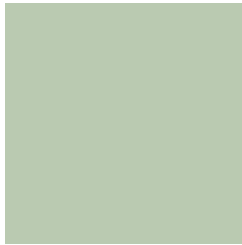
5.8300, 0.2332, 0.1058



0.3425, 0.2506, 0.1154

Previews

White Background



This preview shows how the Yxy color 55.8545, 0.3182, 0.3605 looks on a white background.

Color Contrast Check

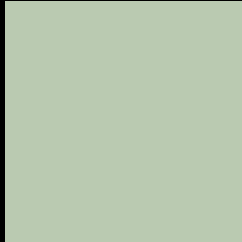
Large Text (above 18pt) WCAG AA × Fail

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 55.8545, 0.3182, 0.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

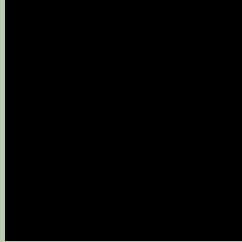
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

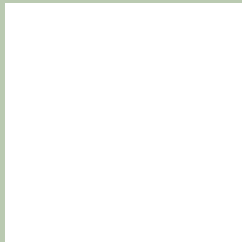
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8545, 0.3182, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 55.8545, 0.3182, 0.3605.



This preview shows how white text looks on a background with the Yxy color 55.8545, 0.3182, 0.3605.

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

55.8545, 0.3182, 0.3605

Protanopia

55.6577, 0.3376, 0.3557

Deuteranopia

55.6112, 0.3484, 0.3418



Tritanopia

55.8130, 0.2967, 0.3098

Trichromacy



Original Color

55.8545, 0.3182, 0.3605

Protanomaly

55.6254, 0.3307, 0.3573

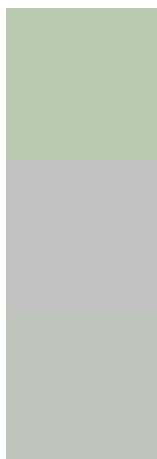
Deuteranomaly

55.3532, 0.3373, 0.3482

Tritanomaly

55.8358, 0.3043, 0.3278

Monochromacy



Original Color

55.8545, 0.3182, 0.3605

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6397, 0.3146, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8545, 0.3182, 0.3605 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(186, 202, 177)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 177)  
}
```

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(186, 202, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 177) }
```

Border

The CSS property to change the border of an element to Yxy 55.8545, 0.3182, 0.3605 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(186, 202, 177) }
```

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

```
.border{ border-color:rgb(186, 202, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 202, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 177);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8545, 0.3182, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 177) }
```

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

```
.background{ background-color: rgb(186,  
202, 177) }
```

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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