

Converting Colors

$Y_{xy}(55.3380, 0.3426, 0.4007)$

Have a look what the booklet for
Yxy(55.3380, 0.3426, 0.4007)
contains.

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Color

Yxy(55.4786, 0.3422, 0.4015)

Conversions

Conversions Part 1

Format	Color
Hex	BCCB92
RGB	188, 203, 146
RGB Percent	74%, 80%, 57%
CMY	0.2627, 0.2039, 0.4274
CMYK	0.07, 0.00, 0.28, 0.20
HSL	76°, 35%, 68%
HSV	76°, 28%, 80%
XYZ	47.2846, 55.4786, 35.4151
YIQ	192.0170, 9.3570, -20.9070

Conversions

Conversions Part 2

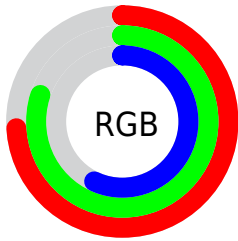
Format	Color
RYB	146, 203, 161
Decimal	12372882
CIELab	79.32, -14.66, 26.79
CIELCh	79, 30.544, 118.686
Yxy	55.4786, 0.3422, 0.4015
Android (android.graphics.Color)	4290562962 (0xFFBCCB92)
YUV	192.0170, -22.6864, -3.5229
Hunter-Lab	74.4840, -17.0298, 23.9480

Details

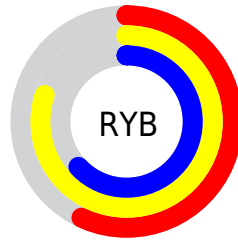
The Yxy color **55.4786, 0.3422, 0.4015** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.4523, 0.2770, 0.2514**, and the grayscale version is **52.8557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1026, 0.3387, 0.3842**, and **27.3894, 0.3486, 0.4217** is the 20% darker color. If you saturate the color by 10%, you get **54.2382, 0.3520, 0.4286**, and if you desaturate by 10%, it is **56.8613, 0.3318, 0.3747**.

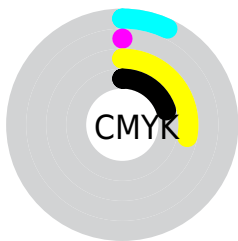
Distribution



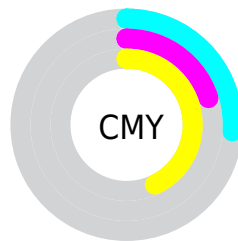
- Red (74%)
- Green (80%)
- Blue (57%)



- Red (57%)
- Yellow (80%)
- Blue (63%)



- Cyan (7%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)




- Cyan (26%)
- Magenta (20%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4786, 0.3422, 0.4015 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 55.4786, 0.3422, 0.4015 by changing the saturation by 10% instead.


 55.4786, 0.3422,
0.4015


 55.4786, 0.3422,
0.4015

407.7236, 0.3286,
0.3655

 39.7850, 0.3452,
0.4104


 98.2418, 0.3375,
0.3885

 27.3710, 0.3489,
0.4216


 126.0803, 0.3357,
0.3836

 17.8520, 0.3533,
0.4364


158.7358, 0.3341,
0.3794

 10.8438, 0.3587,
0.4565

196.5928, 0.3327,
0.3758

 5.9619, 0.3649,
0.4852

240.0357, 0.3315,
0.3727

 2.8219, 0.3766,
0.5369

289.4489, 0.3304,

 1.0395, 0.3745,

0.3700

0.6255

345.2167, 0.3294,
0.3676

0.0000, 0.0000,
0.0000

55.4786, 0.3422,
0.4015

55.4786, 0.3422,
0.4015

54.2382, 0.3520,
0.4286

56.8613, 0.3318,
0.3747

53.1264, 0.3608,
0.4550

58.3845, 0.3212,
0.3488

52.1389, 0.3680,
0.4796

60.0563, 0.3107,
0.3244

51.2684, 0.3731,
0.5012

61.8816, 0.3007,
0.3018

50.5063, 0.3758,
0.5189

63.8653, 0.2911,
0.2810

■ 49.8428, 0.3759,
0.5319

■ 65.1588, 0.2901,
0.2742

■ 49.2634, 0.3737,
0.5404

■ 66.0062, 0.2938,
0.2748

■ 49.1571, 0.3732,
0.5419

■ 66.8805, 0.2976,
0.2754

■ 67.7819, 0.3014,
0.2760

Harmonies

Analogous

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



55.4786, 0.3757, 0.3932



55.4786, 0.3422, 0.4015



55.4786, 0.3022, 0.3871

Triad

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



55.4786, 0.3422, 0.4015



55.4786, 0.2386, 0.2826



55.4786, 0.3592, 0.3048

Complementary

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



55.4786, 0.3422, 0.4015



32.4523, 0.2770, 0.2514

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.



55.4786, 0.3194, 0.2794



55.4786, 0.3422, 0.4015



55.4786, 0.2514, 0.2659

Square

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



55.4786, 0.3422, 0.4015



55.4786, 0.2439, 0.3141



55.4786, 0.2802, 0.2653



55.4786, 0.3866, 0.3365

Rectangle

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



55.4786, 0.3422, 0.4015



55.4786, 0.2773, 0.3661



55.4786, 0.2802, 0.2653



55.4786, 0.3467, 0.2953

Sweetspot

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



55.4811, 0.3422, 0.4015



97.7509, 0.3212, 0.3489



40.0049, 0.3686, 0.3475



20.8361, 0.3228, 0.3528



0.0000, 0.0000, 0.0000



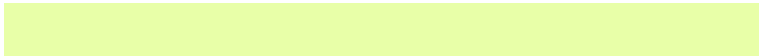
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4811, 0.3422, 0.4015



91.5444, 0.3486, 0.4188



52.2897, 0.3198, 0.4069



12.9424, 0.3226, 0.3522



31.3283, 0.3739, 0.5414



1.6517, 0.3831, 0.5340

Inverse Universe

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



32.4523, 0.2770, 0.2514



46.4280, 0.2671, 0.2312



35.6615, 0.3025, 0.2569



10.9844, 0.3023, 0.3053



3.2712, 0.1666, 0.0691



0.2065, 0.1878, 0.0808

Previews

White Background



This preview shows how the Yxy color 55.4786, 0.3422, 0.4015 looks on a white background.

Color Contrast Check

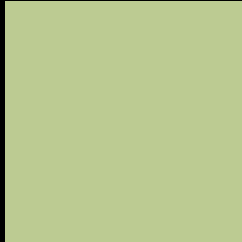
Large Text (above 18pt) WCAG AA × Fail

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 55.4786, 0.3422, 0.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

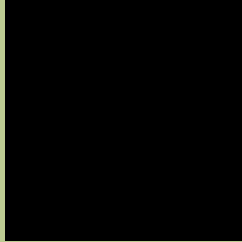
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4786, 0.3422, 0.4015

Background



This preview shows how black text looks on a background with the Yxy color 55.4786, 0.3422, 0.4015.



This preview shows how white text looks on a background with the Yxy color 55.4786, 0.3422, 0.4015.

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

55.4786, 0.3422, 0.4015

Protanopia

55.3119, 0.3662, 0.3928

Deuteranopia

55.1253, 0.3819, 0.3735



Tritanopia

55.5537, 0.3034, 0.3111

Trichromacy



Original Color

55.4786, 0.3422, 0.4015

Protanomaly

55.5570, 0.3575, 0.3965

Deuteranomaly

54.7251, 0.3668, 0.3827

Tritanomaly

55.4454, 0.3176, 0.3425

Monochromacy



Original Color

55.4786, 0.3422, 0.4015

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6514, 0.3244, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4786, 0.3422, 0.4015 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(188, 203, 146)` looks like.

```
.text, #text, p{  
    color:rgb(188, 203, 146)  
}
```

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(188, 203, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 203, 146) }
```

Border

The CSS property to change the border of an element to Yxy 55.4786, 0.3422, 0.4015 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(188, 203, 146) }
```

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

```
.border{ border-color:rgb(188, 203, 146) }
```

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

Here you see how a box with a 4 pixel rgb(188, 203, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 203, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 203, 146);  
box-shadow:4px 4px 4px 4px rgb(188, 203,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4786, 0.3422, 0.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 203, 146) }
```

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

```
.background{ background-color: rgb(188,  
203, 146) }
```

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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