

Converting Colors

$Yxy(55.4934, 0.3162, 0.3782)$

Have a look what the booklet for
Yxy(55.4934, 0.3162, 0.3782)
contains.

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Color

Yxy(55.5666, 0.3165, 0.3783)

Conversions

Conversions Part 1

Format	Color
Hex	AFCDA7
RGB	175, 205, 167
RGB Percent	69%, 80%, 65%
CMY	0.3136, 0.1961, 0.3451
CMYK	0.15, 0.00, 0.19, 0.20
HSL	107°, 28%, 73%
HSV	107°, 19%, 80%
XYZ	46.4891, 55.5666, 44.8293
YIQ	191.6980, -5.6820, -18.1780

Conversions

Conversions Part 2

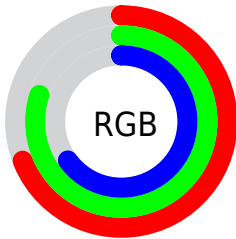
Format	Color
RYB	167, 205, 197
Decimal	11521447
CIELab	79.37, -17.11, 15.64
CIElCh	79, 23.182, 137.578
Yxy	55.5666, 0.3165, 0.3783
Android (android.graphics.Color)	4289711527 (0xFFAFCDA7)
YUV	191.6980, -12.1761, -14.6441
Hunter-Lab	74.5430, -19.1279, 16.5238

Details

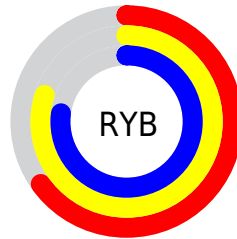
The Yxy color **55.5666, 0.3165, 0.3783** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.9073, 0.3078, 0.2824**, and the grayscale version is **52.6051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7829, 0.3167, 0.3627**, and **27.5086, 0.3167, 0.3927** is the 20% darker color. If you saturate the color by 10%, you get **53.1096, 0.3181, 0.4088**, and if you desaturate by 10%, it is **58.3725, 0.3145, 0.3505**.

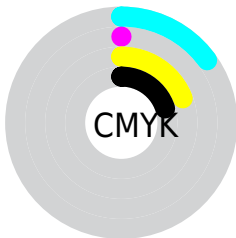
Distribution



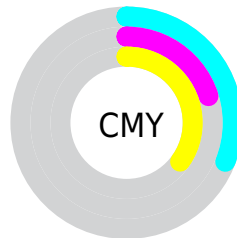
- Red (69%)
- Green (80%)
- Blue (65%)



- Red (65%)
- Yellow (80%)
- Blue (77%)



- Cyan (15%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)




- Cyan (31%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5666, 0.3165, 0.3783 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 55.5666, 0.3165, 0.3783 by changing the saturation by 10% instead.


 55.5666, 0.3165,
0.3783

 55.5666, 0.3165,
0.3783


408.0561, 0.3150,
0.3537

 39.8555, 0.3167,
0.3844


 98.3706, 0.3161,
0.3694

 27.4259, 0.3170,
0.3923


 126.2324, 0.3159,
0.3660

 17.8934, 0.3172,
0.4027


158.9131, 0.3157,
0.3632

 10.8735, 0.3172,
0.4172

196.7973, 0.3155,
0.3607

 5.9818, 0.3168,
0.4386

240.2693, 0.3154,
0.3586

 2.8340, 0.3148,
0.4734

289.7135, 0.3153,

 1.0457, 0.3443,

0.3568

0.6341


345.5143, 0.3151,
0.3551

 0.0000, 0.0000,
0.0000


 55.5666, 0.3165,
0.3783


 55.5666, 0.3165,
0.3783

 53.1096, 0.3181,
0.4088


 58.3725, 0.3145,
0.3505


 50.9808, 0.3193,
0.4414


 61.5329, 0.3124,
0.3255


 49.1683, 0.3197,
0.4751

 65.0623, 0.3102,
0.3035

 47.6563, 0.3192,
0.5080

 68.9722, 0.3080,
0.2842

 46.4282, 0.3177,
0.5381

 72.1422, 0.3150,
0.2801

■ 45.4651, 0.3151,
0.5633

■ 44.7459, 0.3116,
0.5817

■ 44.2427, 0.3077,
0.5929

■ 44.1832, 0.3072,
0.5943

Harmonies

Analogous

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



55.5666, 0.3460, 0.3833



55.5666, 0.3165, 0.3783



55.5666, 0.2869, 0.3578

Triad

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



55.5666, 0.3165, 0.3783



55.5666, 0.2603, 0.2841



55.5666, 0.3625, 0.3260

Complementary

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



55.5666, 0.3165, 0.3783



43.9073, 0.3078, 0.2824

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.



55.5666, 0.3375, 0.3024



55.5666, 0.3165, 0.3783



55.5666, 0.2786, 0.2786

Square

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



55.5666, 0.3165, 0.3783



55.5666, 0.2555, 0.3020



55.5666, 0.3065, 0.2854



55.5666, 0.3735, 0.3514

Rectangle

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



55.5666, 0.3165, 0.3783



55.5666, 0.2711, 0.3389



55.5666, 0.3065, 0.2854



55.5666, 0.3554, 0.3176

Sweetspot

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



55.5690, 0.3165, 0.3783



96.8365, 0.3140, 0.3441



55.5941, 0.3421, 0.3653



20.6561, 0.3142, 0.3458



0.0000, 0.0000, 0.0000



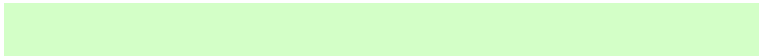
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5690, 0.3165, 0.3783



89.4525, 0.3172, 0.3894



55.0815, 0.3030, 0.3646



12.6493, 0.3147, 0.3527



27.5397, 0.3080, 0.5937



1.4545, 0.3216, 0.5829

Inverse Universe

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



43.9073, 0.3078, 0.2824



67.1003, 0.3066, 0.2726



44.5186, 0.3240, 0.2959



11.2794, 0.3105, 0.3059



7.5459, 0.2683, 0.1252



0.4200, 0.2791, 0.1311

Previews

White Background



This preview shows how the Yxy color 55.5666, 0.3165, 0.3783 looks on a white background.

Color Contrast Check

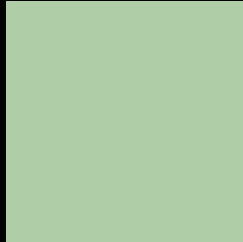
Large Text (above 18pt) WCAG AA × Fail

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 55.5666, 0.3165, 0.3783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

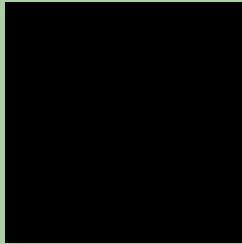
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

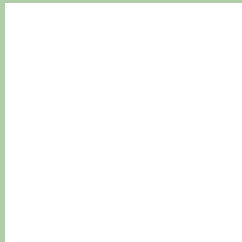
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5666, 0.3165, 0.3783

Background



This preview shows how black text looks on a background with the Yxy color 55.5666, 0.3165, 0.3783.



This preview shows how white text looks on a background with the Yxy color 55.5666, 0.3165, 0.3783.

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

55.5666, 0.3165, 0.3783

Protanopia

55.3539, 0.3478, 0.3703

Deuteranopia

55.1448, 0.3578, 0.3511



Tritanopia

55.3105, 0.2902, 0.3095

Trichromacy



Original Color

55.5666, 0.3165, 0.3783

Protanomaly

55.1293, 0.3355, 0.3727

Deuteranomaly

55.0166, 0.3417, 0.3606

Tritanomaly

55.5078, 0.2995, 0.3340

Monochromacy



Original Color

55.5666, 0.3165, 0.3783

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.7905, 0.3143, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5666, 0.3165, 0.3783 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(175, 205, 167)` looks like.

```
.text, #text, p{  
    color:rgb(175, 205, 167)  
}
```

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(175, 205, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 205, 167) }
```

Border

The CSS property to change the border of an element to Yxy 55.5666, 0.3165, 0.3783 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(175, 205, 167) }
```

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

```
.border{ border-color:rgb(175, 205, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 205, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 205, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 205, 167); box-shadow:4px 4px 4px 4px rgb(175, 205, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5666, 0.3165, 0.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 205, 167) }
```

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

```
.background{ background-color: rgb(175,  
205, 167) }
```

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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