

Converting Colors

$Yxy(55.6016, 0.3113, 0.3805)$

Have a look what the booklet for
Yxy(55.6016, 0.3113, 0.3805)
contains.

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Color

Yxy(55.8507, 0.3117, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	A9CFA7
RGB	169, 207, 167
RGB Percent	66%, 81%, 65%
CMY	0.3374, 0.1882, 0.3450
CMYK	0.18, 0.00, 0.19, 0.19
HSL	117°, 29%, 73%
HSV	117°, 19%, 81%
XYZ	45.6441, 55.8507, 44.9412
YIQ	191.0780, -9.8080, -20.4960

Conversions

Conversions Part 2

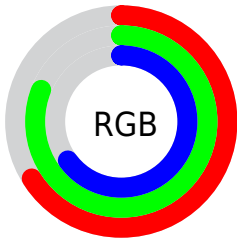
Format	Color
RYB	167, 207, 205
Decimal	11128743
CIELab	79.53, -20.21, 15.79
CIElCh	80, 25.653, 141.997
Yxy	55.8507, 0.3117, 0.3814
Android (android.graphics.Color)	4289318823 (0xFFA9CFA7)
YUV	191.0780, -11.8705, -19.3624
Hunter-Lab	74.7333, -21.7627, 16.6590

Details

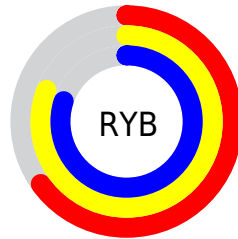
The Yxy color **55.8507, 0.3117, 0.3814** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.1390, 0.3132, 0.2812**, and the grayscale version is **52.2197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8015, 0.3130, 0.3631**, and **27.7333, 0.3105, 0.3970** is the 20% darker color. If you saturate the color by 10%, you get **53.1313, 0.3109, 0.4132**, and if you desaturate by 10%, it is **59.0256, 0.3123, 0.3527**.

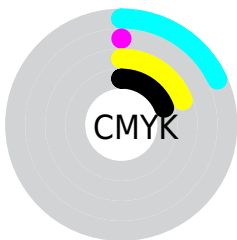
Distribution



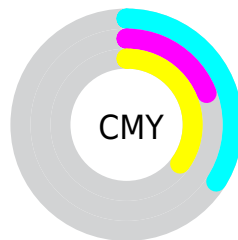
- Red (66%)
- Green (81%)
- Blue (65%)



- Red (65%)
- Yellow (81%)
- Blue (80%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)



- Cyan (34%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8507, 0.3117, 0.3814 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 55.8507, 0.3117, 0.3814 by changing the saturation by 10% instead.


 55.8507, 0.3117,
0.3814


 55.8507, 0.3117,
0.3814


409.1286, 0.3126,
0.3552

 40.0832, 0.3113,
0.3880


 98.7863, 0.3121,
0.3719

 27.6034, 0.3108,
0.3964


 126.7231, 0.3123,
0.3683

 18.0269, 0.3100,
0.4075


159.4853, 0.3124,
0.3653

 10.9693, 0.3086,
0.4231

197.4570, 0.3124,
0.3627

 6.0462, 0.3061,
0.4462

241.0229, 0.3125,
0.3604

 2.8732, 0.3008,
0.4839

290.5672, 0.3125,

 1.0659, 0.3144,

0.3584


0.6582

346.4743, 0.3126,
0.3567


 0.0000, 0.0000,
0.0000

 55.8507, 0.3117,
0.3814

 55.8507, 0.3117,
0.3814

 53.1313, 0.3109,
0.4132

 59.0256, 0.3123,
0.3527


 50.8399, 0.3098,
0.4475


 62.6679, 0.3127,
0.3274


 48.9566, 0.3085,
0.4829

 66.7982, 0.3130,
0.3053

 47.4576, 0.3070,
0.5174

 71.4334, 0.3132,
0.2862

 46.3164, 0.3053,
0.5484

 73.1122, 0.3149,
0.2821

■ 45.5031, 0.3036,
0.5732

■ 44.9830, 0.3020,
0.5900

■ 44.7090, 0.3009,
0.5988

■ 44.6970, 0.3009,
0.5993

Harmonies

Analogous

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



55.8507, 0.3449, 0.3895



55.8507, 0.3117, 0.3814



55.8507, 0.2800, 0.3565

Triad

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



55.8507, 0.3117, 0.3814



55.8507, 0.2572, 0.2778



55.8507, 0.3708, 0.3296

Complementary

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



55.8507, 0.3117, 0.3814



45.1390, 0.3132, 0.2812

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.



55.8507, 0.3448, 0.3032



55.8507, 0.3117, 0.3814



55.8507, 0.2790, 0.2739

Square

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



55.8507, 0.3117, 0.3814



55.8507, 0.2496, 0.2953



55.8507, 0.3108, 0.2832



55.8507, 0.3801, 0.3572

Rectangle

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



55.8507, 0.3117, 0.3814



55.8507, 0.2637, 0.3350



55.8507, 0.3108, 0.2832



55.8507, 0.3636, 0.3204

Sweetspot

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



55.8531, 0.3117, 0.3814



96.3962, 0.3125, 0.3441



59.7272, 0.3420, 0.3745



20.5524, 0.3124, 0.3458



0.0000, 0.0000, 0.0000



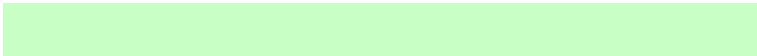
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8531, 0.3117, 0.3814



87.6901, 0.3114, 0.3936



56.3530, 0.2982, 0.3574



13.2332, 0.3123, 0.3530



28.1688, 0.3012, 0.5991



1.5848, 0.3049, 0.5961

Inverse Universe

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



45.1390, 0.3132, 0.2812



67.5825, 0.3133, 0.2712



44.5858, 0.3304, 0.3022



11.9786, 0.3130, 0.3060



10.3263, 0.3089, 0.1475



0.5866, 0.3112, 0.1488

Previews

White Background



This preview shows how the Yxy color 55.8507, 0.3117, 0.3814 looks on a white background.

Color Contrast Check

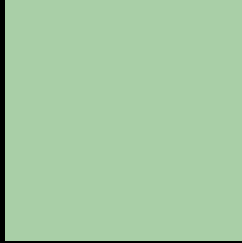
Large Text (above 18pt) WCAG AA × Fail

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 55.8507, 0.3117, 0.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

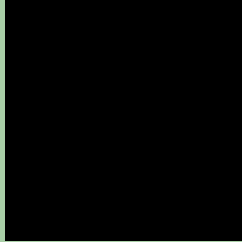
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8507, 0.3117, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 55.8507, 0.3117, 0.3814.

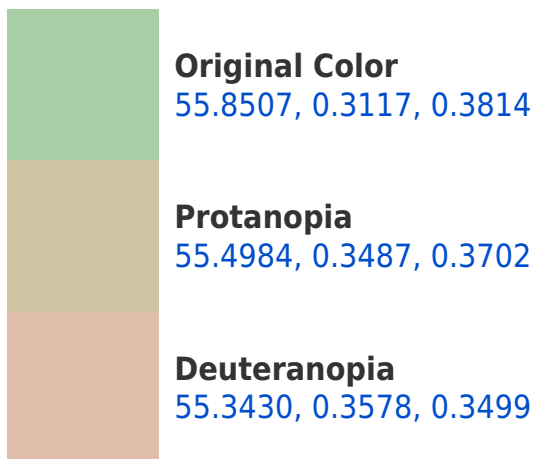


This preview shows how white text looks on a background with the Yxy color 55.8507, 0.3117, 0.3814.

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

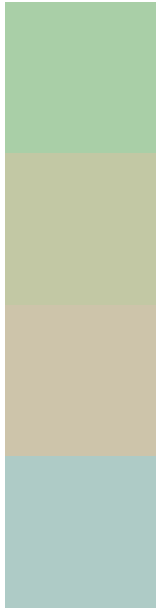




Tritanopia

55.6135, 0.2847, 0.3093

Trichromacy



Original Color

55.8507, 0.3117, 0.3814

Protanomaly

55.4582, 0.3345, 0.3740

Deuteranomaly

55.3613, 0.3399, 0.3607

Tritanomaly

55.7878, 0.2945, 0.3353

Monochromacy



Original Color

55.8507, 0.3117, 0.3814

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.3772, 0.3126, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8507, 0.3117, 0.3814 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(169, 207, 167)` looks like.

```
.text, #text, p{  
    color:rgb(169, 207, 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(169, 207, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 207, 167) }
```

Border

The CSS property to change the border of an element to Yxy 55.8507, 0.3117, 0.3814 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(169, 207, 167) }
```

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

```
.border{ border-color:rgb(169, 207, 167) }
```

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

Here you see how a box with a 4 pixel rgb(169, 207, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 207, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 207, 167);  
box-shadow:4px 4px 4px 4px rgb(169, 207,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8507, 0.3117, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 207, 167) }
```

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

```
.background{ background-color: rgb(169,  
207, 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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