

Converting Colors

Yxy(57.2434, 0.3179, 0.4027)

Have a look what the booklet for
Yxy(57.2434, 0.3179, 0.4027)
contains.

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Color

Yxy(57.1706, 0.3180, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	A7D39B
RGB	167, 211, 155
RGB Percent	65%, 83%, 61%
CMY	0.3451, 0.1725, 0.3923
CMYK	0.21, 0.00, 0.27, 0.17
HSL	107°, 39%, 72%
HSV	107°, 27%, 83%
XYZ	45.1459, 57.1706, 39.6517
YIQ	191.4600, -8.2480, -26.7440

Conversions

Conversions Part 2

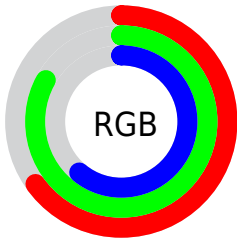
Format	Color
RYB	155, 211, 199
Decimal	10998683
CIELab	80.28, -24.86, 23.17
CIELCh	80, 33.984, 137.018
Yxy	57.1706, 0.3180, 0.4027
Android (android.graphics.Color)	4289188763 (0xFFA7D39B)
YUV	191.4600, -17.9748, -21.4514
Hunter-Lab	75.6112, -25.7411, 21.8353

Details

The Yxy color **57.1706, 0.3180, 0.4027** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.2737, 0.3049, 0.2611**, and the grayscale version is **52.4920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8611, 0.3186, 0.3760**, and **28.3336, 0.3186, 0.4242** is the 20% darker color. If you saturate the color by 10%, you get **54.8346, 0.3193, 0.4350**, and if you desaturate by 10%, it is **59.8665, 0.3162, 0.3726**.

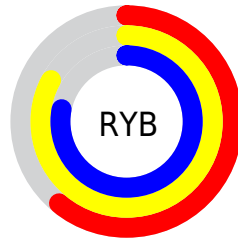
Distribution



Red (65%)

Green (83%)

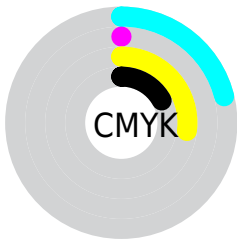
Blue (61%)



Red (61%)

Yellow (83%)

Blue (78%)

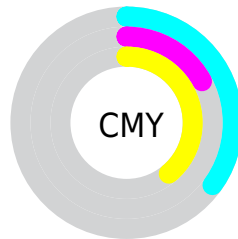


Cyan (21%)

Magenta (0%)

Yellow (27%)

Black (17%)



Cyan (35%)


Magenta (17%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1706, 0.3180, 0.4027 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 57.1706, 0.3180, 0.4027 by changing the saturation by 10% instead.


 57.1706, 0.3180,
0.4027


 57.1706, 0.3180,
0.4027


414.0883, 0.3163,
0.3657

 41.1422, 0.3181,
0.4120


 100.7141, 0.3176,
0.3892

 28.4302, 0.3182,
0.4238


 128.9980, 0.3174,
0.3842

 18.6502, 0.3179,
0.4396


162.1358, 0.3171,
0.3799

 11.4178, 0.3170,
0.4614

200.5120, 0.3169,
0.3762

 6.3486, 0.3146,
0.4934

244.5110, 0.3168,
0.3731

 3.0582, 0.3081,
0.5450

294.5171, 0.3166,

 1.1622, 0.2898,

0.3703

0.7102

350.9147, 0.3164,
0.3678

0.0305, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1706, 0.3180,
0.4027

57.1706, 0.3180,
0.4027

54.8346, 0.3193,
0.4350

59.8665, 0.3162,
0.3726

52.8361, 0.3199,
0.4686


62.9293, 0.3142,
0.3453


51.1612, 0.3196,
0.5018


66.3747, 0.3119,
0.3209

49.7921, 0.3183,
0.5327


70.2157, 0.3097,
0.2994


 48.7096, 0.3159,
0.5589

 74.1067, 0.3111,
0.2856

 47.8915, 0.3125,
0.5787

 75.0712, 0.3147,
0.2861

 47.3118, 0.3086,
0.5910

 47.1566, 0.3073,
0.5942

Harmonies

Analogous

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



57.1706, 0.3607, 0.4081



57.1706, 0.3180, 0.4027



57.1706, 0.2757, 0.3723

Triad

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



57.1706, 0.3180, 0.4027



57.1706, 0.2379, 0.2647



57.1706, 0.3849, 0.3230

Complementary

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



57.1706, 0.3180, 0.4027



40.2737, 0.3049, 0.2611

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.



57.1706, 0.3476, 0.2905



57.1706, 0.3180, 0.4027



57.1706, 0.2629, 0.2576

Square

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



57.1706, 0.3180, 0.4027



57.1706, 0.2315, 0.2894



57.1706, 0.3024, 0.2672



57.1706, 0.4013, 0.3587

Rectangle

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



57.1706, 0.3180, 0.4027



57.1706, 0.2533, 0.3437



57.1706, 0.3024, 0.2672



57.1706, 0.3742, 0.3115

Sweetspot

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



57.1731, 0.3180, 0.4027



95.8427, 0.3145, 0.3493



56.9996, 0.3560, 0.3816



20.3562, 0.3148, 0.3533



0.0000, 0.0000, 0.0000



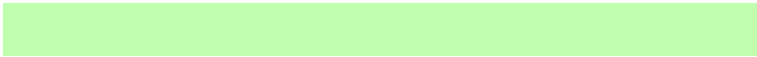
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1731, 0.3180, 0.4027



85.6199, 0.3188, 0.4212



56.4912, 0.2989, 0.3826



13.3269, 0.3148, 0.3528



28.4940, 0.3081, 0.5936



1.6286, 0.3209, 0.5834

Inverse Universe

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



40.2737, 0.3049, 0.2611



55.3464, 0.3026, 0.2458



41.2282, 0.3301, 0.2809



11.8756, 0.3104, 0.3058



7.7556, 0.2674, 0.1247



0.4663, 0.2777, 0.1304

Previews

White Background



This preview shows how the Yxy color 57.1706, 0.3180, 0.4027 looks on a white background.

Color Contrast Check

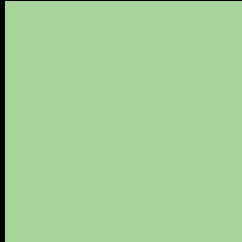
Large Text (above 18pt) WCAG AA × Fail

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 57.1706, 0.3180, 0.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

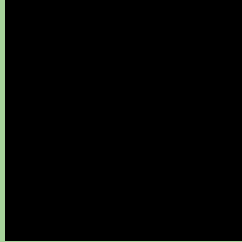
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1706, 0.3180, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 57.1706, 0.3180, 0.4027.



This preview shows how white text looks on a background with the Yxy color 57.1706, 0.3180, 0.4027.

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

57.1706, 0.3180, 0.4027

Protanopia

56.7042, 0.3626, 0.3875

Deuteranopia

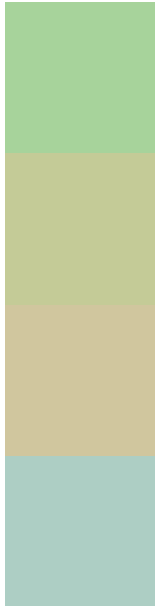
56.7537, 0.3725, 0.3654



Tritanopia

57.1735, 0.2829, 0.3095

Trichromacy



Original Color

57.1706, 0.3180, 0.4027

Protanomaly

56.6820, 0.3452, 0.3937

Deuteranomaly

56.2667, 0.3513, 0.3774

Tritanomaly

57.0124, 0.2952, 0.3416

Monochromacy



Original Color

57.1706, 0.3180, 0.4027

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.5476, 0.3147, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1706, 0.3180, 0.4027 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(167, 211, 155)` looks like.

```
.text, #text, p{  
    color:rgb(167, 211, 155)  
}
```

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(167, 211, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 211, 155) }
```

Border

The CSS property to change the border of an element to Yxy 57.1706, 0.3180, 0.4027 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(167, 211, 155) }
```

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

```
.border{ border-color:rgb(167, 211, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 211, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 211, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 211, 155);  
box-shadow:4px 4px 4px 4px rgb(167, 211,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1706, 0.3180, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 211, 155) }
```

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

```
.background{ background-color: rgb(167,  
211, 155) }
```

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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