

Converting Colors

$Yxy(56.9016, 0.3042, 0.3833)$

Have a look what the booklet for
Yxy(56.9016, 0.3042, 0.3833)
contains.

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Color

Yxy(57.0679, 0.3037, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	A1D3AA
RGB	161, 211, 170
RGB Percent	63%, 83%, 67%
CMY	0.3688, 0.1725, 0.3334
CMYK	0.24, 0.00, 0.19, 0.17
HSL	131°, 36%, 73%
HSV	131°, 24%, 83%
XYZ	45.2402, 57.0679, 46.6554
YIQ	191.3760, -16.6390, -23.3510

Conversions

Conversions Part 2

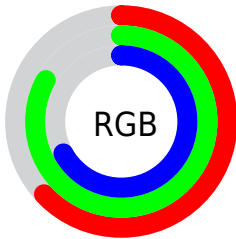
Format	Color
RYB	161, 203, 211
Decimal	10605482
CIELab	80.22, -24.34, 15.11
CIELCh	80, 28.652, 148.166
Yxy	57.0679, 0.3037, 0.3831
Android (android.graphics.Color)	4288795562 (0xFFA1D3AA)
YUV	191.3760, -10.5384, -26.6398
Hunter-Lab	75.5433, -25.3035, 16.2630

Details

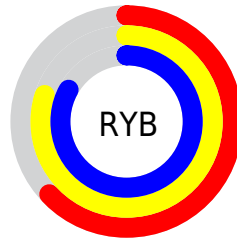
The Yxy color **57.0679, 0.3037, 0.3831** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.5886, 0.3233, 0.2803**, and the grayscale version is **52.3955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7080, 0.3063, 0.3603**, and **28.2731, 0.3002, 0.3977** is the 20% darker color. If you saturate the color by 10%, you get **54.4486, 0.3001, 0.4104**, and if you desaturate by 10%, it is **60.1480, 0.3075, 0.3584**.

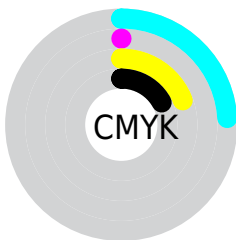
Distribution



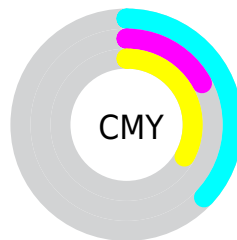
- Red (63%)
- Green (83%)
- Blue (67%)



- Red (63%)
- Yellow (80%)
- Blue (83%)



- Cyan (24%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)





- Cyan (37%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0679, 0.3037, 0.3831 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 57.0679, 0.3037, 0.3831 by changing the saturation by 10% instead.


 57.0679, 0.3037,
0.3831


 57.0679, 0.3037,
0.3831


413.7037, 0.3085,
0.3560

 41.0598, 0.3024,
0.3899


 100.5643, 0.3055,
0.3733

 28.3658, 0.3007,
0.3985


 128.8213, 0.3062,
0.3696

 18.6016, 0.2983,
0.4101


161.9300, 0.3067,
0.3664

 11.3827, 0.2948,
0.4261

200.2749, 0.3072,
0.3638

 6.3249, 0.2893,
0.4500

244.2403, 0.3076,
0.3614

 3.0436, 0.2794,
0.4888

294.2106, 0.3080,

 1.1546, 0.2656,

0.3594

0.6377

350.5703, 0.3083,
0.3576

0.0241, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.0679, 0.3037,
0.3831

57.0679, 0.3037,
0.3831

54.4486, 0.3001,
0.4104

60.1480, 0.3075,
0.3584

52.2611, 0.2968,
0.4398

63.7021, 0.3113,
0.3365

50.4839, 0.2942,
0.4704

67.7517, 0.3150,
0.3172

49.0911, 0.2925,
0.5010

72.3151, 0.3186,
0.3004

■ 48.0536, 0.2919,
0.5298

■ 75.0759, 0.3147,
0.2861

■ 47.3380, 0.2926,
0.5549

■ 46.9046, 0.2943,
0.5747

■ 46.7364, 0.2956,
0.5842

Harmonies

Analogous

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



57.0679, 0.3409, 0.3962



57.0679, 0.3037, 0.3831



57.0679, 0.2702, 0.3524

Triad

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



57.0679, 0.3037, 0.3831



57.0679, 0.2552, 0.2703



57.0679, 0.3810, 0.3357

Complementary

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



57.0679, 0.3037, 0.3831



43.5886, 0.3233, 0.2803

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.



57.0679, 0.3553, 0.3060



57.0679, 0.3037, 0.3831



57.0679, 0.2819, 0.2694

Square

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



57.0679, 0.3037, 0.3831



57.0679, 0.2435, 0.2864



57.0679, 0.3184, 0.2823



57.0679, 0.3870, 0.3657

Rectangle

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



57.0679, 0.3037, 0.3831



57.0679, 0.2542, 0.3279



57.0679, 0.3184, 0.2823



57.0679, 0.3744, 0.3255

Sweetspot

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



57.0703, 0.3037, 0.3831



95.8637, 0.3100, 0.3435



61.8180, 0.3416, 0.3892



20.4462, 0.3098, 0.3448



0.0000, 0.0000, 0.0000



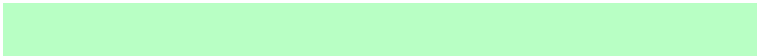
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0703, 0.3037, 0.3831



85.6687, 0.3020, 0.3953



58.0782, 0.2881, 0.3504



13.2406, 0.3092, 0.3486



28.2118, 0.2951, 0.5822



1.5882, 0.2860, 0.5497

Inverse Universe

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



43.5886, 0.3233, 0.2803



61.7927, 0.3257, 0.2707



42.5253, 0.3456, 0.3087



11.9709, 0.3165, 0.3102



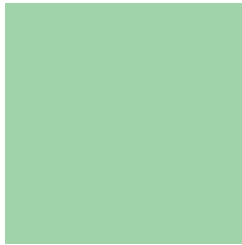
10.1906, 0.3722, 0.1824



0.5796, 0.3612, 0.1763

Previews

White Background



This preview shows how the Yxy color 57.0679, 0.3037, 0.3831 looks on a white background.

Color Contrast Check

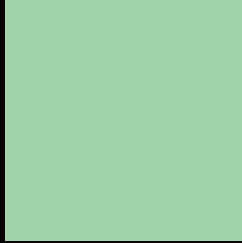
Large Text (above 18pt) WCAG AA × Fail

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 57.0679, 0.3037, 0.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

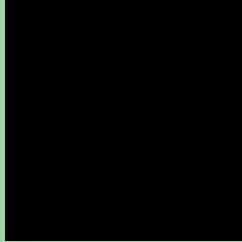
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0679, 0.3037, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 57.0679, 0.3037, 0.3831.

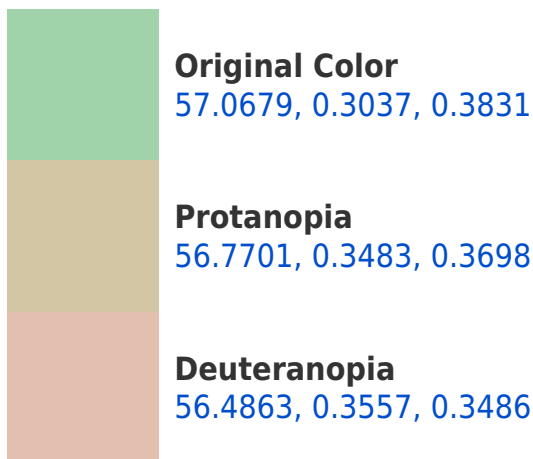


This preview shows how white text looks on a background with the Yxy color 57.0679, 0.3037, 0.3831.

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

56.8991, 0.2777, 0.3093

Trichromacy



Original Color

57.0679, 0.3037, 0.3831

Protanomaly

56.6715, 0.3309, 0.3752

Deuteranomaly

55.9619, 0.3347, 0.3595

Tritanomaly

57.1054, 0.2871, 0.3352

Monochromacy



Original Color

57.0679, 0.3037, 0.3831

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.5104, 0.3095, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0679, 0.3037, 0.3831 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(161, 211, 170)` looks like.

```
.text, #text, p{  
    color:rgb(161, 211, 170)  
}
```

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(161, 211, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 211, 170) }
```

Border

The CSS property to change the border of an element to Yxy 57.0679, 0.3037, 0.3831 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(161, 211, 170) }
```

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

```
.border{ border-color:rgb(161, 211, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 211, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 211, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 211, 170);  
box-shadow:4px 4px 4px 4px rgb(161, 211,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0679, 0.3037, 0.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 211, 170) }
```

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

```
.background{ background-color: rgb(161,  
211, 170) }
```

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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