

Converting Colors

$Yxy(57.2412, 0.3031, 0.3768)$

Have a look what the booklet for
Yxy(57.2412, 0.3031, 0.3768)
contains.

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Color

Yxy(57.0417, 0.3033, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	A4D2AE
RGB	164, 210, 174
RGB Percent	64%, 82%, 68%
CMY	0.3567, 0.1765, 0.3177
CMYK	0.22, 0.00, 0.17, 0.18
HSL	133°, 34%, 73%
HSV	133°, 22%, 82%
XYZ	46.0004, 57.0417, 48.6242
YIQ	192.1420, -15.8600, -20.9480

Conversions

Conversions Part 2

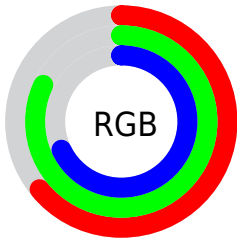
Format	Color
RYB	164, 202, 210
Decimal	10801838
CIELab	80.20, -22.10, 13.00
CIELCh	80, 25.641, 149.547
Yxy	57.0417, 0.3033, 0.3761
Android (android.graphics.Color)	4288991918 (0xFFA4D2AE)
YUV	192.1420, -8.9440, -24.6805
Hunter-Lab	75.5260, -23.4519, 14.6968

Details

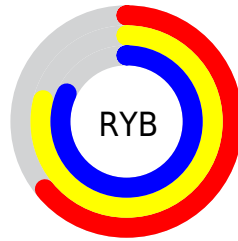
The Yxy color **57.0417, 0.3033, 0.3761** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.4363, 0.3238, 0.2861**, and the grayscale version is **52.8639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4488, 0.3054, 0.3549**, and **28.2273, 0.2996, 0.3881** is the 20% darker color. If you saturate the color by 10%, you get **54.3879, 0.2992, 0.4017**, and if you desaturate by 10%, it is **60.1479, 0.3076, 0.3530**.

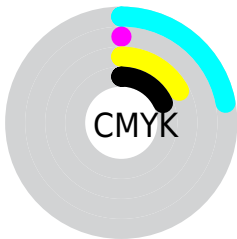
Distribution



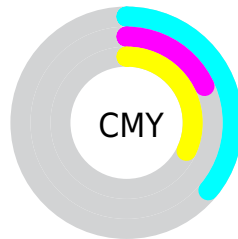
- Red (64%)
- Green (82%)
- Blue (68%)



- Red (64%)
- Yellow (79%)
- Blue (82%)



- Cyan (22%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)




- Cyan (36%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0417, 0.3033, 0.3761 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 57.0417, 0.3033, 0.3761 by changing the saturation by 10% instead.

 57.0417, 0.3033,
0.3761

 57.0417, 0.3033,
0.3761


413.6055, 0.3082,
0.3526

 41.0387, 0.3020,
0.3819

 100.5260, 0.3051,
0.3676

 28.3493, 0.3003,
0.3894


 128.7762, 0.3058,
0.3644

 18.5892, 0.2980,
0.3994


161.8775, 0.3064,
0.3617

 11.3738, 0.2947,
0.4132

200.2144, 0.3068,
0.3593

 6.3188, 0.2896,
0.4337

244.1712, 0.3073,
0.3573

 3.0399, 0.2807,
0.4669

294.1325, 0.3076,

 1.1526, 0.2659,

0.3556

0.5740

350.4824, 0.3079,
0.3540

0.0225, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.0417, 0.3033,
0.3761

57.0417, 0.3033,
0.3761

54.3879, 0.2992,
0.4017

60.1479, 0.3076,
0.3530

52.1582, 0.2955,
0.4294

63.7187, 0.3119,
0.3326

50.3325, 0.2925,
0.4587

67.7749, 0.3161,
0.3146

48.8861, 0.2904,
0.4884

72.3339, 0.3202,
0.2990

■ 47.7914, 0.2896,
0.5170

■ 74.5725, 0.3148,
0.2851

■ 47.0171, 0.2901,
0.5429

■ 46.5260, 0.2920,
0.5645

■ 46.2857, 0.2940,
0.5783

Harmonies

Analogous

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



57.0417, 0.3367, 0.3888



57.0417, 0.3033, 0.3761



57.0417, 0.2735, 0.3485

Triad

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



57.0417, 0.3033, 0.3761



57.0417, 0.2618, 0.2759



57.0417, 0.3744, 0.3366

Complementary

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



57.0417, 0.3033, 0.3761



44.4363, 0.3238, 0.2861

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.



57.0417, 0.3522, 0.3095



57.0417, 0.3033, 0.3761



57.0417, 0.2865, 0.2755

Square

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



57.0417, 0.3033, 0.3761



57.0417, 0.2505, 0.2900



57.0417, 0.3195, 0.2877



57.0417, 0.3789, 0.3634

Rectangle

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



57.0417, 0.3033, 0.3761



57.0417, 0.2594, 0.3267



57.0417, 0.3195, 0.2877



57.0417, 0.3687, 0.3273

Sweetspot

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



57.0441, 0.3033, 0.3761



95.9022, 0.3097, 0.3429



61.1645, 0.3381, 0.3845



20.4551, 0.3094, 0.3441



0.0000, 0.0000, 0.0000



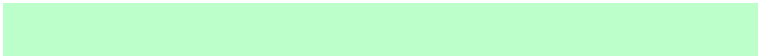
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0441, 0.3033, 0.3761



86.6152, 0.3015, 0.3871



57.9835, 0.2890, 0.3465



13.2476, 0.3087, 0.3477



28.2464, 0.2934, 0.5761



1.5914, 0.2835, 0.5408

Inverse Universe

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



44.4363, 0.3238, 0.2861



63.8555, 0.3264, 0.2772



43.4714, 0.3438, 0.3122



11.9634, 0.3170, 0.3110



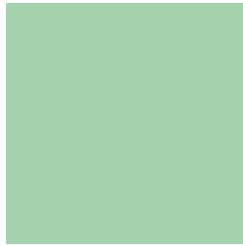
10.0194, 0.3841, 0.1890



0.5714, 0.3703, 0.1814

Previews

White Background



This preview shows how the Yxy color 57.0417, 0.3033, 0.3761 looks on a white background.

Color Contrast Check

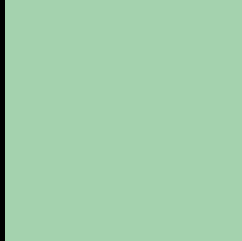
Large Text (above 18pt) WCAG AA × Fail

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 57.0417, 0.3033, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

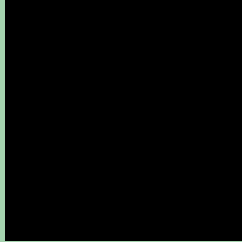
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

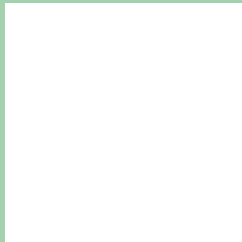
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0417, 0.3033, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 57.0417, 0.3033, 0.3761.



This preview shows how white text looks on a background with the Yxy color 57.0417, 0.3033, 0.3761.

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

57.0417, 0.3033, 0.3761

Protanopia

56.7706, 0.3444, 0.3651

Deuteranopia

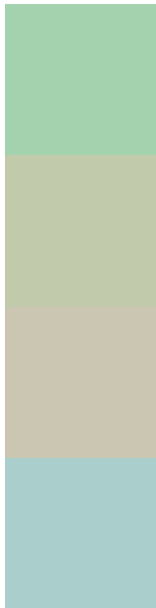
56.4835, 0.3516, 0.3440



Tritanopia

57.1237, 0.2790, 0.3093

Trichromacy



Original Color

57.0417, 0.3033, 0.3761

Protanomaly

56.4808, 0.3289, 0.3689

Deuteranomaly

56.2590, 0.3325, 0.3545

Tritanomaly

56.8894, 0.2878, 0.3327

Monochromacy



Original Color

57.0417, 0.3033, 0.3761

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.2947, 0.3095, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0417, 0.3033, 0.3761 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(164, 210, 174)` looks like.

```
.text, #text, p{  
    color:rgb(164, 210, 174)  
}
```

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(164, 210, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 210, 174) }
```

Border

The CSS property to change the border of an element to Yxy 57.0417, 0.3033, 0.3761 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(164, 210, 174) }
```

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

```
.border{ border-color:rgb(164, 210, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 210, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 210, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 210, 174);  
box-shadow:4px 4px 4px 4px rgb(164, 210,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0417, 0.3033, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 210, 174) }
```

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

```
.background{ background-color: rgb(164,  
210, 174) }
```

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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