

Converting Colors

$Yxy(61.7160, 0.3081, 0.3799)$

Have a look what the booklet for
Yxy(61.7160, 0.3081, 0.3799)
contains.

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Color

Yxy(61.6843, 0.3075, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	ADD9B1
RGB	173, 217, 177
RGB Percent	68%, 85%, 69%
CMY	0.3216, 0.1490, 0.3058
CMYK	0.20, 0.00, 0.18, 0.15
HSL	125°, 37%, 76%
HSV	125°, 20%, 85%
XYZ	49.9813, 61.6843, 50.8753
YIQ	199.2840, -13.3840, -21.7680

Conversions

Conversions Part 2

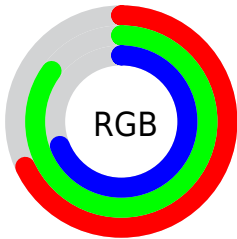
Format	Color
RYB	173, 213, 217
Decimal	11393457
CIELab	82.75, -22.05, 15.05
CIELCh	83, 26.698, 145.675
Yxy	61.6843, 0.3075, 0.3795
Android (android.graphics.Color)	4289583537 (0xFFADD9B1)
YUV	199.2840, -10.9860, -23.0511
Hunter-Lab	78.5394, -23.8490, 16.5713

Details

The Yxy color **61.6843, 0.3075, 0.3795** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.4381, 0.3183, 0.2832**, and the grayscale version is **57.3716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0612, 0.3092, 0.3513**, and **31.2890, 0.3060, 0.3940** is the 20% darker color. If you saturate the color by 10%, you get **58.6806, 0.3049, 0.4090**, and if you desaturate by 10%, it is **65.2086, 0.3101, 0.3530**.

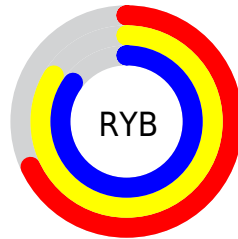
Distribution



Red (68%)

Green (85%)

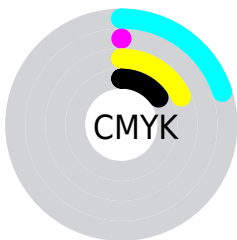
Blue (69%)



Red (68%)

Yellow (84%)

Blue (85%)

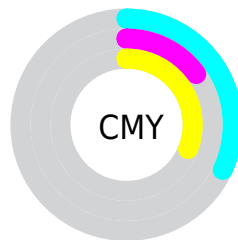


Cyan (20%)

Magenta (0%)

Yellow (18%)

Black (15%)



Cyan (32%)


Magenta (15%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6843, 0.3075, 0.3795 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 61.6843, 0.3075, 0.3795 by changing the saturation by 10% instead.


 61.6843, 0.3075,
0.3795

 61.6843, 0.3075,
0.3795


430.7786, 0.3104,
0.3546

 44.7777, 0.3067,
0.3856


 107.2691, 0.3086,
0.3705

 31.2823, 0.3056,
0.3933


136.7161, 0.3090,
0.3672

 20.8139, 0.3041,
0.4035


171.1120, 0.3093,
0.3643

 12.9881, 0.3019,
0.4175

210.8411, 0.3096,
0.3618

 7.4203, 0.2984,
0.4379

256.2880, 0.3099,
0.3597

 3.7263, 0.2921,
0.4700

307.8369, 0.3101,

 1.5217, 0.2859,

0.3578

0.5419

365.8723, 0.3102,
0.3561

0.3039, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.6843, 0.3075,
0.3795

61.6843, 0.3075,
0.3795

58.6806, 0.3049,
0.4090

65.2086, 0.3101,
0.3530

56.1653, 0.3024,
0.4409

69.2683, 0.3126,
0.3296

54.1151, 0.3001,
0.4743

73.8871, 0.3150,
0.3092

52.5012, 0.2984,
0.5073

78.1090, 0.3145,
0.2920

■ 51.2918, 0.2974,
0.5380

■ 50.4510, 0.2971,
0.5639

■ 49.9360, 0.2977,
0.5831

■ 49.6791, 0.2985,
0.5946

Harmonies

Analogous

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



61.6843, 0.3412, 0.3900



61.6843, 0.3075, 0.3795



61.6843, 0.2763, 0.3529

Triad

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



61.6843, 0.3075, 0.3795



61.6843, 0.2588, 0.2762



61.6843, 0.3733, 0.3330

Complementary

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



61.6843, 0.3075, 0.3795



49.4381, 0.3183, 0.2832

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.



61.6843, 0.3489, 0.3060



61.6843, 0.3075, 0.3795



61.6843, 0.2823, 0.2741

Square

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



61.6843, 0.3075, 0.3795



61.6843, 0.2493, 0.2922



61.6843, 0.3151, 0.2849



61.6843, 0.3804, 0.3606

Rectangle

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



61.6843, 0.3075, 0.3795



61.6843, 0.2609, 0.3309



61.6843, 0.3151, 0.2849



61.6843, 0.3668, 0.3237

Sweetspot

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



61.6869, 0.3075, 0.3795



96.3497, 0.3112, 0.3427



66.8424, 0.3403, 0.3798



20.5415, 0.3110, 0.3443



0.0000, 0.0000, 0.0000



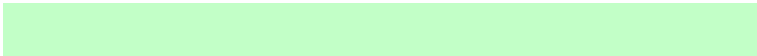
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6869, 0.3075, 0.3795



87.1052, 0.3065, 0.3908



62.6199, 0.2938, 0.3516



14.6255, 0.3103, 0.3509



30.0778, 0.2982, 0.5934



1.9554, 0.2932, 0.5756

Inverse Universe

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



49.4381, 0.3183, 0.2832



66.6190, 0.3196, 0.2742



48.4113, 0.3366, 0.3075



13.2532, 0.3152, 0.3080



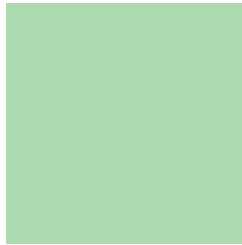
11.3822, 0.3453, 0.1676



0.7435, 0.3408, 0.1651

Previews

White Background



This preview shows how the Yxy color 61.6843, 0.3075, 0.3795 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 61.6843, 0.3075, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

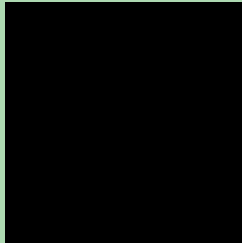
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6843, 0.3075, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 61.6843, 0.3075, 0.3795.

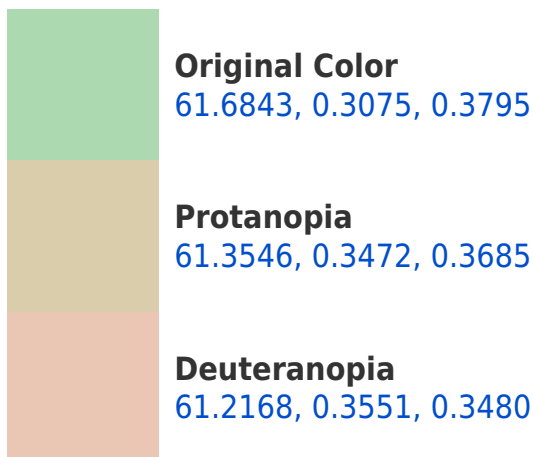


This preview shows how white text looks on a background with the Yxy color 61.6843, 0.3075, 0.3795.

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

61.5843, 0.2819, 0.3089

Trichromacy



Original Color

61.6843, 0.3075, 0.3795

Protanomaly

61.0356, 0.3321, 0.3724

Deuteranomaly

60.9550, 0.3364, 0.3583

Tritanomaly

61.7757, 0.2912, 0.3338

Monochromacy



Original Color

61.6843, 0.3075, 0.3795

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.8514, 0.3111, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6843, 0.3075, 0.3795 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(173, 217, 177)` looks like.

```
.text, #text, p{  
    color:rgb(173, 217, 177)  
}
```

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(173, 217, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 217, 177) }
```

Border

The CSS property to change the border of an element to Yxy 61.6843, 0.3075, 0.3795 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(173, 217, 177) }
```

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

```
.border{ border-color:rgb(173, 217, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 217, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 217, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 217, 177);  
box-shadow:4px 4px 4px 4px rgb(173, 217,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6843, 0.3075, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 217, 177) }
```

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

```
.background{ background-color: rgb(173,  
217, 177) }
```

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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