

Converting Colors

$Yxy(65.0326, 0.3057, 0.3795)$

Have a look what the booklet for
Yxy(65.0326, 0.3057, 0.3795)
contains.

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Color

Yxy(65.2667, 0.3055, 0.3798)

Conversions

Conversions Part 1

Format	Color
Hex	AFDFB6
RGB	175, 223, 182
RGB Percent	69%, 87%, 71%
CMY	0.3140, 0.1254, 0.2863
CMYK	0.22, 0.00, 0.18, 0.13
HSL	129°, 43%, 78%
HSV	129°, 22%, 87%
XYZ	52.4986, 65.2667, 54.0796
YIQ	203.9740, -15.4470, -22.9270

Conversions

Conversions Part 2

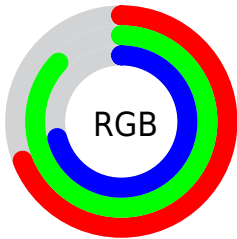
Format	Color
RYB	175, 217, 223
Decimal	11526070
CIELab	84.62, -23.47, 15.10
CIELCh	85, 27.906, 147.249
Yxy	65.2667, 0.3055, 0.3798
Android (android.graphics.Color)	4289716150 (0xFFAFDFB6)
YUV	203.9740, -10.8332, -25.4102
Hunter-Lab	80.7878, -25.3834, 16.8626

Details

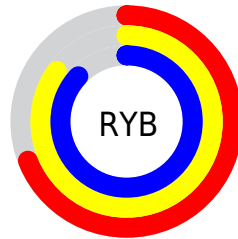
The Yxy color **65.2667, 0.3055, 0.3798** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.2829, 0.3209, 0.2830**, and the grayscale version is **60.4369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6820, 0.3076, 0.3461**, and **33.7278, 0.3035, 0.3939** is the 20% darker color. If you saturate the color by 10%, you get **62.1655, 0.3022, 0.4078**, and if you desaturate by 10%, it is **68.9065, 0.3089, 0.3546**.

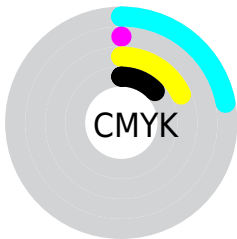
Distribution



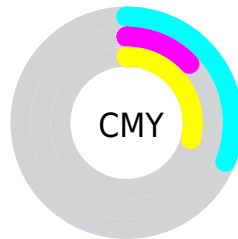
- Red (69%)
- Green (87%)
- Blue (71%)



- Red (69%)
- Yellow (85%)
- Blue (87%)



- Cyan (22%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)





- Cyan (31%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2667, 0.3055, 0.3798 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 65.2667, 0.3055, 0.3798 by changing the saturation by 10% instead.


 65.2667, 0.3055,
0.3798

 65.2667, 0.3055,
0.3798


443.7498, 0.3093,
0.3550

 47.6774, 0.3045,
0.3858


 112.4332, 0.3069,
0.3709

 33.5715, 0.3032,
0.3934


142.7792, 0.3075,
0.3676

 22.5646, 0.3014,
0.4034


178.1461, 0.3079,
0.3647

 14.2723, 0.2988,
0.4169

218.9185, 0.3083,
0.3622

 8.3103, 0.2948,
0.4364

265.4806, 0.3086,
0.3601

 4.2941, 0.2880,
0.4667

318.2170, 0.3089,

 1.8394, 0.2762,

0.3582

0.5229

377.5119, 0.3091,
0.3565

■ 0.5116, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2667, 0.3055,
0.3798

■ 65.2667, 0.3055,
0.3798

■ 62.1655, 0.3022,
0.4078

■ 68.9065, 0.3089,
0.3546

■ 59.5694, 0.2992,
0.4381

■ 73.1000, 0.3122,
0.3322

■ 57.4539, 0.2967,
0.4699

■ 77.8722, 0.3154,
0.3127

■ 55.7892, 0.2949,
0.5016

■ 81.2658, 0.3142,
0.2980

■ 54.5421, 0.2941,
0.5314

■ 53.6747, 0.2943,
0.5572

■ 53.1423, 0.2956,
0.5773

■ 52.8940, 0.2970,
0.5892

Harmonies

Analogous

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



65.2667, 0.3402, 0.3915



65.2667, 0.3055, 0.3798



65.2667, 0.2740, 0.3518

Triad

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



65.2667, 0.3055, 0.3798



65.2667, 0.2584, 0.2744



65.2667, 0.3758, 0.3346

Complementary

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



65.2667, 0.3055, 0.3798



51.2829, 0.3209, 0.2830

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.



65.2667, 0.3515, 0.3067



65.2667, 0.3055, 0.3798



65.2667, 0.2831, 0.2730

Square

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



65.2667, 0.3055, 0.3798



65.2667, 0.2479, 0.2900



65.2667, 0.3170, 0.2848



65.2667, 0.3820, 0.3627

Rectangle

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



65.2667, 0.3055, 0.3798



65.2667, 0.2587, 0.3292



65.2667, 0.3170, 0.2848



65.2667, 0.3694, 0.3250

Sweetspot

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



65.2695, 0.3055, 0.3798



96.4002, 0.3107, 0.3419



70.5703, 0.3403, 0.3835



20.5534, 0.3105, 0.3434



0.0000, 0.0000, 0.0000



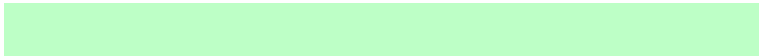
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2695, 0.3055, 0.3798



86.3973, 0.3040, 0.3925



66.3191, 0.2911, 0.3503



15.3698, 0.3096, 0.3496



31.1048, 0.2965, 0.5875



2.1665, 0.2899, 0.5636

Inverse Universe

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



51.2829, 0.3209, 0.2830



64.1358, 0.3229, 0.2729



50.1576, 0.3406, 0.3087



13.8993, 0.3160, 0.3092



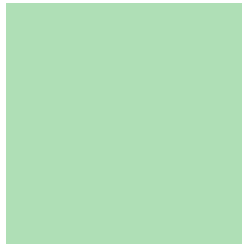
11.4310, 0.3617, 0.1766



0.8019, 0.3544, 0.1726

Previews

White Background



This preview shows how the Yxy color 65.2667, 0.3055, 0.3798 looks on a white background.

Color Contrast Check

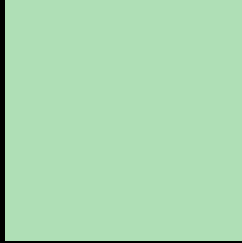
Large Text (above 18pt) WCAG AA × Fail

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 65.2667, 0.3055, 0.3798 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

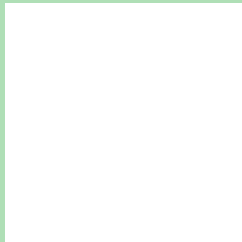
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2667, 0.3055, 0.3798

Background



This preview shows how black text looks on a background with the Yxy color 65.2667, 0.3055, 0.3798.

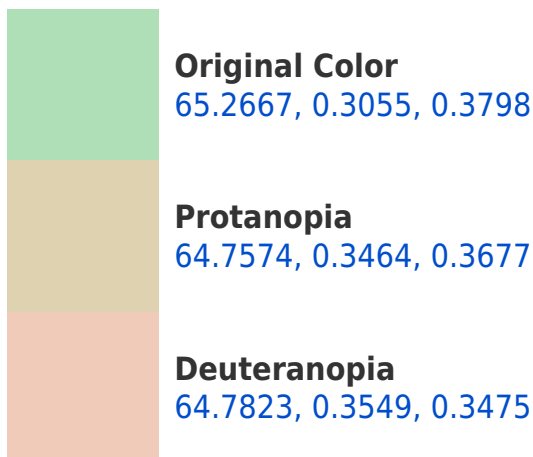


This preview shows how white text looks on a background with the Yxy color 65.2667, 0.3055, 0.3798.

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

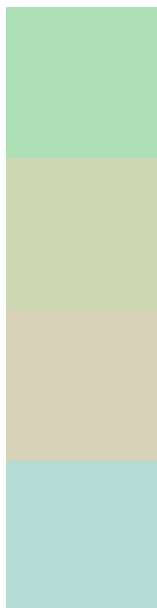




Tritanopia

65.1853, 0.2801, 0.3093

Trichromacy



Original Color

65.2667, 0.3055, 0.3798

Protanomaly

64.7944, 0.3307, 0.3726

Deuteranomaly

64.1949, 0.3351, 0.3578

Tritanomaly

65.3418, 0.2897, 0.3349

Monochromacy



Original Color

65.2667, 0.3055, 0.3798

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.9115, 0.3097, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2667, 0.3055, 0.3798 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(175, 223, 182)` looks like.

```
.text, #text, p{  
    color:rgb(175, 223, 182)  
}
```

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(175, 223, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 223, 182) }
```

Border

The CSS property to change the border of an element to Yxy 65.2667, 0.3055, 0.3798 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(175, 223, 182) }
```

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

```
.border{ border-color:rgb(175, 223, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 223, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 223, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 223, 182);  
box-shadow:4px 4px 4px 4px rgb(175, 223,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2667, 0.3055, 0.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 223, 182) }
```

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

```
.background{ background-color: rgb(175,  
223, 182) }
```

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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