

Converting Colors

Yxy(50.2345, 0.3066, 0.4142)

Have a look what the booklet for
Yxy(50.2345, 0.3066, 0.4142)
contains.

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Color

Yxy(50.2705, 0.3065, 0.4150)

Conversions

Conversions Part 1

Format	Color
Hex	8CCB8F
RGB	140, 203, 143
RGB Percent	55%, 80%, 56%
CMY	0.4510, 0.2039, 0.4392
CMYK	0.31, 0.00, 0.30, 0.20
HSL	123°, 38%, 67%
HSV	123°, 31%, 80%
XYZ	37.1275, 50.2705, 33.7357
YIQ	177.3230, -18.2880, -32.0160

Conversions

Conversions Part 2

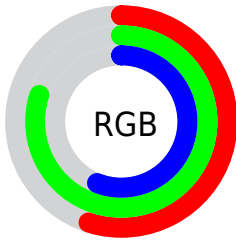
Format	Color
RYB	140, 200, 203
Decimal	9227151
CIELab	76.23, -32.06, 23.69
CIELCh	76, 39.867, 143.539
Yxy	50.2705, 0.3065, 0.4150
Android (android.graphics.Color)	4287417231 (0xFF8CCB8F)
YUV	177.3230, -16.9212, -32.7323
Hunter-Lab	70.9017, -30.6069, 21.4204

Details

The Yxy color **50.2705, 0.3065, 0.4150** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.6185, 0.3191, 0.2559**, and the grayscale version is **44.2426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1533, 0.3085, 0.3934**, and **23.9788, 0.3029, 0.4415** is the 20% darker color. If you saturate the color by 10%, you get **48.1328, 0.3044, 0.4484**, and if you desaturate by 10%, it is **52.8387, 0.3086, 0.3840**.

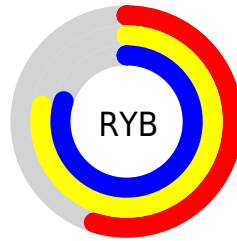
Distribution



Red (55%)

Green (80%)

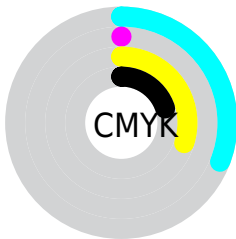
Blue (56%)



Red (55%)

Yellow (78%)

Blue (80%)

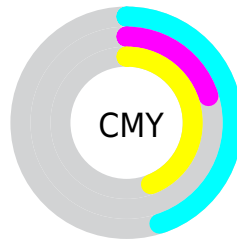


Cyan (31%)

Magenta (0%)

Yellow (30%)

Black (20%)



Cyan (45%)


Magenta (20%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2705, 0.3065, 0.4150 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 50.2705, 0.3065, 0.4150 by changing the saturation by 10% instead.


 50.2705, 0.3065,
0.4150

 50.2705, 0.3065,
0.4150


387.7228, 0.3107,
0.3705


 35.6284, 0.3051,
0.4266


 90.5755, 0.3083,
0.3985

 24.1473, 0.3030,
0.4417


 117.0072, 0.3089,
0.3924

 15.4429, 0.2998,
0.4621


 148.1376, 0.3094,
0.3872

 9.1308, 0.2946,
0.4913

184.3510, 0.3098,
0.3829

 4.8266, 0.2849,
0.5359

226.0318, 0.3101,
0.3791

 2.1459, 0.2751,
0.6358

273.5644, 0.3103,


 0.6903, 0.0000,


0.3759


1.0000


327.3333, 0.3105,
0.3730


 0.0000, 0.0000,
0.0000

 50.2705, 0.3065,
0.4150

 50.2705, 0.3065,
0.4150


 48.1328, 0.3044,
0.4484


 52.8387, 0.3086,
0.3840

 46.3961, 0.3025,
0.4829

 55.8523, 0.3106,
0.3561

 45.0372, 0.3009,
0.5166

 59.3334, 0.3125,
0.3314

 44.0281, 0.2997,
0.5470

 63.3007, 0.3143,
0.3099

 43.3366, 0.2991,
0.5717

 67.7718, 0.3159,
0.2913

■ 42.9248, 0.2991,
0.5887

■ 71.1950, 0.3151,
0.2782

■ 42.7364, 0.2993,
0.5973

Harmonies

Analogous

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



50.2705, 0.3596, 0.4277



50.2705, 0.3065, 0.4150



50.2705, 0.2576, 0.3713

Triad

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



50.2705, 0.3065, 0.4150



50.2705, 0.2274, 0.2475



50.2705, 0.4083, 0.3299

Complementary

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



50.2705, 0.3065, 0.4150



35.6185, 0.3191, 0.2559

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.



50.2705, 0.3666, 0.2901



50.2705, 0.3065, 0.4150



50.2705, 0.2611, 0.2442

Square

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



50.2705, 0.3065, 0.4150



50.2705, 0.2148, 0.2718



50.2705, 0.3115, 0.2597



50.2705, 0.4212, 0.3725

Rectangle

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



50.2705, 0.3065, 0.4150



50.2705, 0.2336, 0.3344



50.2705, 0.3115, 0.2597



50.2705, 0.3970, 0.3160

Sweetspot

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



50.2726, 0.3065, 0.4150



94.5760, 0.3110, 0.3511



57.0125, 0.3574, 0.4063



20.0688, 0.3107, 0.3549



0.0000, 0.0000, 0.0000



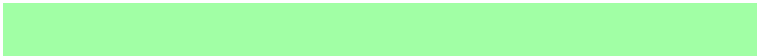
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2726, 0.3065, 0.4150



81.7838, 0.3052, 0.4363



51.3295, 0.2866, 0.3699



12.5455, 0.3109, 0.3518



27.1991, 0.2990, 0.5966



1.4063, 0.2958, 0.5849

Inverse Universe

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



35.6185, 0.3191, 0.2559



53.5594, 0.3206, 0.2410



34.3286, 0.3500, 0.2916



11.3941, 0.3145, 0.3072



10.5416, 0.3332, 0.1609



0.5468, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 50.2705, 0.3065, 0.4150 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 50.2705, 0.3065, 0.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

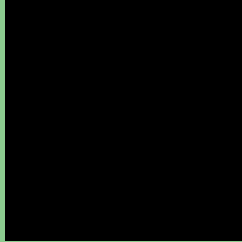
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2705, 0.3065, 0.4150

Background



This preview shows how black text looks on a background with the Yxy color 50.2705, 0.3065, 0.4150.

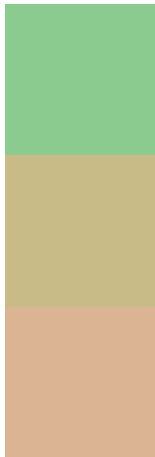


This preview shows how white text looks on a background with the Yxy color 50.2705, 0.3065, 0.4150.

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

50.2705, 0.3065, 0.4150

Protanopia

49.7357, 0.3661, 0.3932

Deuteranopia

49.8407, 0.3750, 0.3674



Tritanopia

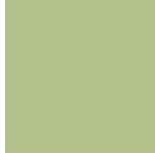
49.9121, 0.2707, 0.3079

Trichromacy



Original Color

50.2705, 0.3065, 0.4150



Protanomaly

49.5877, 0.3422, 0.4010



Deuteranomaly

48.9889, 0.3477, 0.3836



Tritanomaly

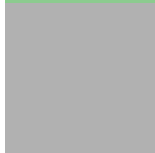
49.7736, 0.2836, 0.3439

Monochromacy



Original Color

50.2705, 0.3065, 0.4150



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

45.7269, 0.3105, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2705, 0.3065, 0.4150 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(140, 203, 143)` looks like.

```
.text, #text, p{  
    color:rgb(140, 203, 143)  
}
```

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(140, 203, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 203, 143) }
```

Border

The CSS property to change the border of an element to Yxy 50.2705, 0.3065, 0.4150 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(140, 203, 143) }
```

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

```
.border{ border-color:rgb(140, 203, 143) }
```

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

Here you see how a box with a 4 pixel rgb(140, 203, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 203, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 203, 143);  
box-shadow:4px 4px 4px 4px rgb(140, 203,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2705, 0.3065, 0.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 203, 143) }
```

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

```
.background{ background-color: rgb(140,  
203, 143) }
```

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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