

Converting Colors

Yxy(50.8843, 0.3157, 0.4382)

Have a look what the booklet for
Yxy(50.8843, 0.3157, 0.4382)
contains.

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Color

Yxy(50.8231, 0.3154, 0.4378)

Conversions

Conversions Part 1

Format	Color
Hex	8CCD81
RGB	140, 205, 129
RGB Percent	55%, 80%, 51%
CMY	0.4508, 0.1961, 0.4941
CMYK	0.32, 0.00, 0.37, 0.20
HSL	111°, 43%, 65%
HSV	111°, 37%, 80%
XYZ	36.6140, 50.8231, 28.6504
YIQ	176.9010, -14.3440, -37.4160

Conversions

Conversions Part 2

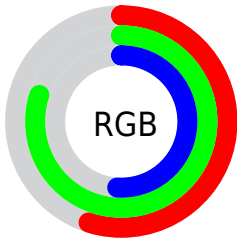
Format	Color
RYB	129, 205, 194
Decimal	9227649
CIELab	76.57, -35.21, 31.45
CIELCh	77, 47.206, 138.230
Yxy	50.8231, 0.3154, 0.4378
Android (android.graphics.Color)	4287417729 (0xFF8CCD81)
YUV	176.9010, -23.6152, -32.3622
Hunter-Lab	71.2903, -33.0823, 26.0756

Details

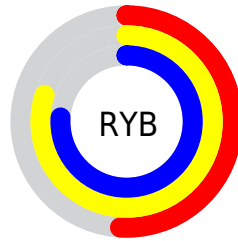
The Yxy color **50.8231, 0.3154, 0.4378** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **31.5745, 0.3059, 0.2350**, and the grayscale version is **44.0490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5410, 0.3161, 0.4095**, and **24.4034, 0.3130, 0.4702** is the 20% darker color. If you saturate the color by 10%, you get **48.9301, 0.3151, 0.4721**, and if you desaturate by 10%, it is **53.0722, 0.3151, 0.4048**.

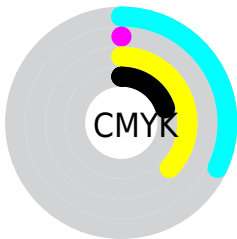
Distribution



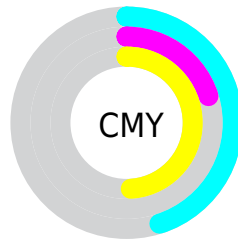
- Red (55%)
- Green (80%)
- Blue (51%)



- Red (51%)
- Yellow (80%)
- Blue (76%)



- Cyan (32%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)





- Cyan (45%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8231, 0.3154, 0.4378 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 50.8231, 0.3154, 0.4378 by changing the saturation by 10% instead.


 50.8231, 0.3154,
0.4378


 50.8231, 0.3154,
0.4378


389.8761, 0.3159,
0.3813

 36.0678, 0.3146,
0.4524


 91.3932, 0.3161,
0.4169

 24.4866, 0.3132,
0.4714


 117.9769, 0.3162,
0.4091

 15.6950, 0.3105,
0.4970


 149.2722, 0.3162,
0.4026

 9.3086, 0.3053,
0.5331

185.6634, 0.3162,
0.3971

 4.9430, 0.2942,
0.5865

227.5350, 0.3161,
0.3923

 2.2139, 0.2856,
0.7144

275.2714, 0.3161,

 0.7275, 0.0000,

0.3882

1.0000

329.2570, 0.3160,
0.3845

■ 0.0000, 0.0000,
0.0000

■ 50.8231, 0.3154,
0.4378

■ 50.8231, 0.3154,
0.4378

■ 48.9301, 0.3151,
0.4721

■ 53.0722, 0.3151,
0.4048

■ 47.3687, 0.3142,
0.5060

■ 55.6877, 0.3144,
0.3743

■ 46.1215, 0.3126,
0.5373


■ 58.6873, 0.3135,
0.3467


■ 45.1666, 0.3103,
0.5637

■ 62.0859, 0.3124,
0.3221


■ 44.4795, 0.3075,
0.5830

■ 65.8972, 0.3112,
0.3006

 44.0300, 0.3045,
0.5945

 70.1347, 0.3099,
0.2819

 43.9337, 0.3038,
0.5970

 72.1413, 0.3150,
0.2801

Harmonies

Analogous

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



50.8231, 0.3766, 0.4437



50.8231, 0.3154, 0.4378



50.8231, 0.2566, 0.3906

Triad

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



50.8231, 0.3154, 0.4378



50.8231, 0.2094, 0.2371



50.8231, 0.4190, 0.3203

Complementary

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



50.8231, 0.3154, 0.4378



31.5745, 0.3059, 0.2350

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.



50.8231, 0.3649, 0.2764



50.8231, 0.3154, 0.4378



50.8231, 0.2438, 0.2300

Square

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



50.8231, 0.3154, 0.4378



50.8231, 0.1996, 0.2686



50.8231, 0.2993, 0.2444



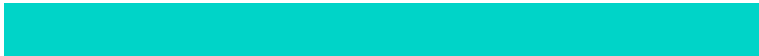
50.8231, 0.4405, 0.3692

Rectangle

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



50.8231, 0.3154, 0.4378



50.8231, 0.2266, 0.3464



50.8231, 0.2993, 0.2444



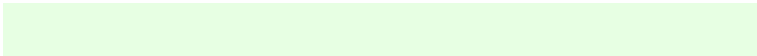
50.8231, 0.4038, 0.3048

Sweetspot

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



50.8253, 0.3154, 0.4378



94.0559, 0.3139, 0.3575



52.9690, 0.3726, 0.4082



19.9870, 0.3140, 0.3613



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.



50.8253, 0.3154, 0.4378



80.8772, 0.3153, 0.4634



50.7158, 0.2909, 0.4003



12.6138, 0.3137, 0.3528



27.3766, 0.3044, 0.5965



1.4381, 0.3151, 0.5880

Inverse Universe

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



31.5745, 0.3059, 0.2350



45.1053, 0.3039, 0.2164



31.9114, 0.3444, 0.2674



11.3180, 0.3115, 0.3060



8.4671, 0.2848, 0.1342



0.4599, 0.2923, 0.1384

Previews

White Background



This preview shows how the Yxy color 50.8231, 0.3154, 0.4378 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 50.8231, 0.3154, 0.4378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

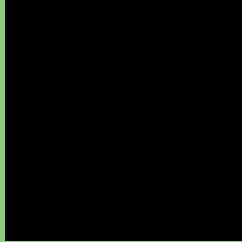
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8231, 0.3154, 0.4378

Background



This preview shows how black text looks on a background with the Yxy color 50.8231, 0.3154, 0.4378.



This preview shows how white text looks on a background with the Yxy color 50.8231, 0.3154, 0.4378.

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

50.8231, 0.3154, 0.4378

Protanopia

50.2089, 0.3795, 0.4107

Deuteranopia

50.0798, 0.3900, 0.3820



Tritanopia

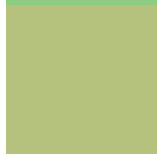
50.6034, 0.2715, 0.3081

Trichromacy



Original Color

50.8231, 0.3154, 0.4378



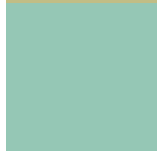
Protanomaly

49.8880, 0.3541, 0.4201



Deuteranomaly

49.4261, 0.3605, 0.4011



Tritanomaly

50.5726, 0.2877, 0.3536

Monochromacy



Original Color

50.8231, 0.3154, 0.4378



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

45.9712, 0.3143, 0.3665

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8231, 0.3154, 0.4378 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, 205, 129)` looks like.

```
.text, #text, p{  
    color:rgb(140, 205, 129)  
}
```

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, 205, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 205, 129) }
```

Border

The CSS property to change the border of an element to Yxy 50.8231, 0.3154, 0.4378 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, 205, 129) }
```

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

```
.border{ border-color:rgb(140, 205, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 205, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 205, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 205, 129);  
box-shadow:4px 4px 4px 4px rgb(140, 205,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8231, 0.3154, 0.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 205, 129) }
```

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

```
.background{ background-color: rgb(140,  
205, 129) }
```

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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