

Converting Colors

Yxy(58.8978, 0.2881, 0.4449)

Have a look what the booklet for
Yxy(58.8978, 0.2881, 0.4449)
contains.

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Color

Yxy(59.0848, 0.2879, 0.4454)

Conversions

Conversions Part 1

Format	Color
Hex	6DE18F
RGB	109, 225, 143
RGB Percent	43%, 88%, 56%
CMY	0.5725, 0.1176, 0.4392
CMYK	0.52, 0.00, 0.36, 0.12
HSL	138°, 66%, 65%
HSV	138°, 52%, 88%
XYZ	38.1915, 59.0848, 35.3792
YIQ	180.9680, -42.8140, -50.0940

Conversions

Conversions Part 2

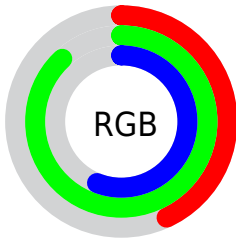
Format	Color
RYB	109, 199, 225
Decimal	7201167
CIELab	81.34, -50.60, 30.33
CIElCh	81, 58.993, 149.064
Yxy	59.0848, 0.2879, 0.4454
Android (android.graphics.Color)	4285391247 (0xFF6DE18F)
YUV	180.9680, -18.7182, -63.1159
Hunter-Lab	76.8666, -45.8281, 26.5174

Details

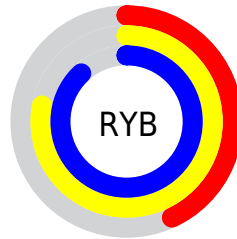
The Yxy color **59.0848, 0.2879, 0.4454** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **30.7115, 0.3548, 0.2373**, and the grayscale version is **46.3143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7667, 0.2924, 0.3965**, and **29.7295, 0.2785, 0.4800** is the 20% darker color. If you saturate the color by 10%, you get **57.3895, 0.2854, 0.4727**, and if you desaturate by 10%, it is **61.2185, 0.2916, 0.4188**.

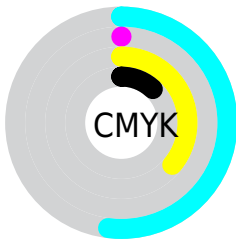
Distribution



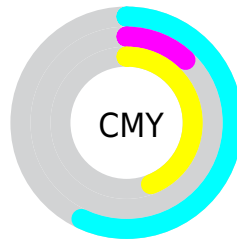
- Red (43%)
- Green (88%)
- Blue (56%)



- Red (43%)
- Yellow (78%)
- Blue (88%)



- Cyan (52%)
- Magenta (0%)
- Yellow (36%)
- Black (12%)





- Cyan (57%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0848, 0.2879, 0.4454 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 59.0848, 0.2879, 0.4454 by changing the saturation by 10% instead.


 59.0848, 0.2879,
0.4454

 59.0848, 0.2879,
0.4454


421.2161, 0.3019,
0.3857

 42.6814, 0.2839,
0.4606

 103.5009, 0.2933,
0.4234

 29.6352, 0.2786,
0.4803


 132.2824, 0.2953,
0.4153

 19.5619, 0.2710,
0.5066


 165.9587, 0.2969,
0.4084

 12.0770, 0.2597,
0.5433

204.9142, 0.2982,
0.4025

 6.7961, 0.2414,
0.5972

249.5333, 0.2993,
0.3974

 3.3349, 0.2124,
0.6936

300.2004, 0.3003,

 1.3090, 0.0000,

0.3930

1.0000

357.2998, 0.3012,
0.3891

■ 0.1481, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0848, 0.2879,
0.4454

■ 59.0848, 0.2879,
0.4454

■ 57.3895, 0.2854,
0.4727

■ 61.2185, 0.2916,
0.4188

■ 56.0940, 0.2844,
0.4997


■ 63.8115, 0.2961,
0.3938

■ 55.1650, 0.2850,
0.5250


■ 66.8918, 0.3011,
0.3708

■ 54.5601, 0.2871,
0.5474


■ 70.4834, 0.3065,
0.3501

 54.2440, 0.2898,
0.5633

 74.6083, 0.3119,
0.3317

 79.2876, 0.3172,
0.3154

 82.2900, 0.3145,
0.3005

 82.3315, 0.3141,
0.2999

Harmonies

Analogous

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



59.0848, 0.3608, 0.4693



59.0848, 0.2879, 0.4454



59.0848, 0.2257, 0.3740

Triad

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



59.0848, 0.2879, 0.4454



59.0848, 0.2038, 0.2159



59.0848, 0.4536, 0.3371

Complementary

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



59.0848, 0.2879, 0.4454



30.7115, 0.3548, 0.2373

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.



59.0848, 0.4009, 0.2842



59.0848, 0.2879, 0.4454



59.0848, 0.2524, 0.2178

Square

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



59.0848, 0.2879, 0.4454



59.0848, 0.1825, 0.2404



59.0848, 0.3239, 0.2421



59.0848, 0.4608, 0.3933

Rectangle

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



59.0848, 0.2879, 0.4454



59.0848, 0.1981, 0.3197



59.0848, 0.3239, 0.2421



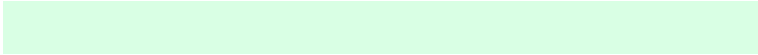
59.0848, 0.4405, 0.3188

Sweetspot

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



59.0872, 0.2879, 0.4454



91.8325, 0.3045, 0.3572



66.1808, 0.3619, 0.4655



19.4381, 0.3034, 0.3616



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.



59.0872, 0.2879, 0.4454



76.0460, 0.2853, 0.4751



61.2681, 0.2582, 0.3625



15.4030, 0.3076, 0.3460



31.2750, 0.2891, 0.5606



2.1831, 0.2804, 0.5296

Inverse Universe

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



30.7115, 0.3548, 0.2373



34.3782, 0.3673, 0.2217



28.6746, 0.4276, 0.3003



13.8636, 0.3182, 0.3126



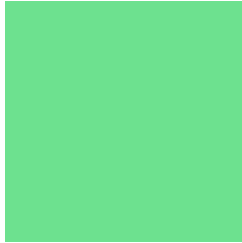
10.6895, 0.4116, 0.2041



0.7563, 0.3943, 0.1946

Previews

White Background



This preview shows how the Yxy color 59.0848, 0.2879, 0.4454 looks on a white background.

Color Contrast Check

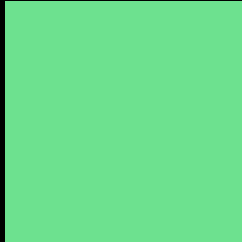
Large Text (above 18pt) WCAG AA × Fail

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 59.0848, 0.2879, 0.4454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

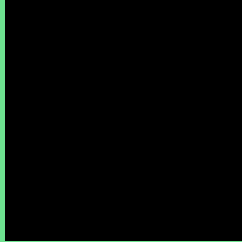
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0848, 0.2879, 0.4454

Background



This preview shows how black text looks on a background with the Yxy color 59.0848, 0.2879, 0.4454.



This preview shows how white text looks on a background with the Yxy color 59.0848, 0.2879, 0.4454.

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

59.0848, 0.2879, 0.4454

Protanopia

58.3722, 0.3778, 0.4082

Deuteranopia

57.9058, 0.3847, 0.3758



Tritanopia

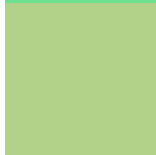
58.6880, 0.2505, 0.3074

Trichromacy



Original Color

59.0848, 0.2879, 0.4454



Protanomaly

57.3643, 0.3386, 0.4230



Deuteranomaly

56.2395, 0.3429, 0.4010



Tritanomaly

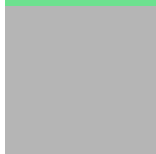
58.4773, 0.2638, 0.3543

Monochromacy



Original Color

59.0848, 0.2879, 0.4454



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

49.6911, 0.3016, 0.3704

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0848, 0.2879, 0.4454 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(109, 225, 143)` looks like.

```
.text, #text, p{  
    color:rgb(109, 225, 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(109, 225, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 225, 143) }
```

Border

The CSS property to change the border of an element to Yxy 59.0848, 0.2879, 0.4454 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(109, 225, 143) }
```

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

```
.border{ border-color:rgb(109, 225, 143) }
```

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

Here you see how a box with a 4 pixel rgb(109, 225, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 225, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 225, 143);  
box-shadow:4px 4px 4px 4px rgb(109, 225,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0848, 0.2879, 0.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 225, 143) }
```

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

```
.background{ background-color: rgb(109,  
225, 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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