

Converting Colors

Yxy(58.8592, 0.2880, 0.4011)

Have a look what the booklet for
Yxy(58.8592, 0.2880, 0.4011)
contains.

Yxy(59.0448, 0.2881, 0.4012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.0448, 0.2881, 0.4012)

Conversions

Conversions Part 1

Format	Color
Hex	86DCA7
RGB	134, 220, 167
RGB Percent	53%, 86%, 65%
CMY	0.4745, 0.1372, 0.3451
CMYK	0.39, 0.00, 0.24, 0.14
HSL	143°, 55%, 69%
HSV	143°, 39%, 86%
XYZ	42.3998, 59.0448, 45.7259
YIQ	188.2440, -34.2430, -34.7150

Conversions

Conversions Part 2

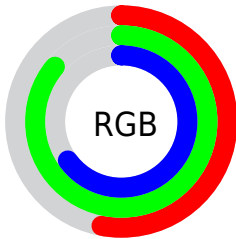
Format	Color
RYB	134, 196, 220
Decimal	8838311
CIELab	81.32, -37.42, 18.01
CIELCh	81, 41.534, 154.295
Yxy	59.0448, 0.2881, 0.4012
Android (android.graphics.Color)	4287028391 (0xFF86DCA7)
YUV	188.2440, -10.4733, -47.5720
Hunter-Lab	76.8406, -35.9767, 18.5065

Details

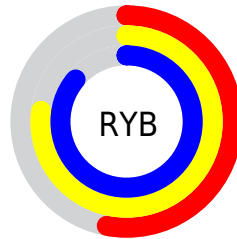
The Yxy color **59.0448, 0.2881, 0.4012** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **35.8529, 0.3500, 0.2669**, and the grayscale version is **50.5116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7411, 0.2921, 0.3652**, and **29.4510, 0.2803, 0.4212** is the 20% darker color. If you saturate the color by 10%, you get **56.9482, 0.2834, 0.4239**, and if you desaturate by 10%, it is **61.5748, 0.2938, 0.3800**.

Distribution



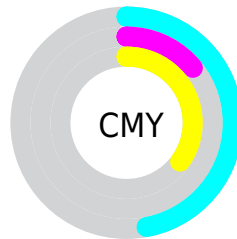
- Red (53%)
- Green (86%)
- Blue (65%)



- Red (53%)
- Yellow (77%)
- Blue (86%)



- Cyan (39%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)




- Cyan (47%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0448, 0.2881, 0.4012 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 59.0448, 0.2881, 0.4012 by changing the saturation by 10% instead.


 59.0448, 0.2881,
0.4012


 59.0448, 0.2881,
0.4012

421.0679, 0.3007,
0.3648


 42.6492, 0.2849,
0.4103


 103.4428, 0.2928,
0.3879

 29.6100, 0.2806,
0.4221


 132.2139, 0.2945,
0.3830

 19.5427, 0.2749,
0.4377


 165.8790, 0.2960,
0.3788

 12.0631, 0.2669,
0.4596

204.8225, 0.2972,
0.3752

 6.7867, 0.2546,
0.4920

249.4287, 0.2983,
0.3721

 3.3290, 0.2339,
0.5447

300.0821, 0.2992,

 1.3058, 0.1642,

0.3694

0.7738

357.1671, 0.3000,
0.3670

■ 0.1457, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0448, 0.2881,
0.4012

■ 59.0448, 0.2881,
0.4012

■ 56.9482, 0.2834,
0.4239

■ 61.5748, 0.2938,
0.3800

■ 55.2527, 0.2799,
0.4477


■ 64.5539, 0.3000,
0.3606

■ 53.9328, 0.2779,
0.4719


■ 68.0060, 0.3066,
0.3432


■ 52.9570, 0.2778,
0.4956

■ 71.9509, 0.3133,
0.3277


 52.2882, 0.2796,
0.5178

 76.4075, 0.3200,
0.3140

 51.8684, 0.2829,
0.5377

 79.2474, 0.3187,
0.3013

 51.8360, 0.2832,
0.5394

 79.6688, 0.3143,
0.2950

Harmonies

Analogous

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



59.0448, 0.3407, 0.4259



59.0448, 0.2881, 0.4012



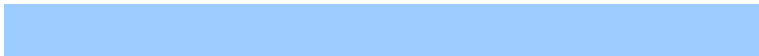
59.0448, 0.2445, 0.3513

Triad

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



59.0448, 0.2881, 0.4012



59.0448, 0.2380, 0.2450



59.0448, 0.4153, 0.3452

Complementary

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



59.0448, 0.2881, 0.4012



35.8529, 0.3500, 0.2669

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.



59.0448, 0.3832, 0.3039



59.0448, 0.2881, 0.4012



59.0448, 0.2782, 0.2487

Square

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



59.0448, 0.2881, 0.4012



59.0448, 0.2178, 0.2614



59.0448, 0.3313, 0.2698



59.0448, 0.4165, 0.3863

Rectangle

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



59.0448, 0.2881, 0.4012



59.0448, 0.2256, 0.3152



59.0448, 0.3313, 0.2698



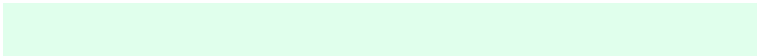
59.0448, 0.4078, 0.3311

Sweetspot

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



59.0472, 0.2881, 0.4012



93.4959, 0.3046, 0.3482



63.4791, 0.3451, 0.4347



19.8735, 0.3037, 0.3505



0.0000, 0.0000, 0.0000



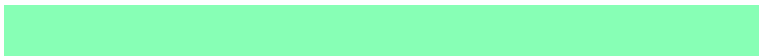
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0472, 0.2881, 0.4012



80.0259, 0.2841, 0.4200



60.9085, 0.2641, 0.3418



14.6886, 0.3064, 0.3438



30.4408, 0.2824, 0.5366



1.9886, 0.2732, 0.5033

Inverse Universe

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



35.8529, 0.3500, 0.2669



43.2330, 0.3612, 0.2542



34.2800, 0.3985, 0.3171



13.1857, 0.3196, 0.3147



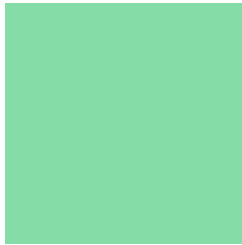
9.9880, 0.4467, 0.2235



0.6637, 0.4208, 0.2092

Previews

White Background



This preview shows how the Yxy color 59.0448, 0.2881, 0.4012 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 59.0448, 0.2881, 0.4012 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 59.0448, 0.2881, 0.4012

Background



This preview shows how black text looks on a background with the Yxy color 59.0448, 0.2881, 0.4012.



This preview shows how white text looks on a background with the Yxy color 59.0448, 0.2881, 0.4012.

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

59.0448, 0.2881, 0.4012

Protanopia

58.5381, 0.3556, 0.3799

Deuteranopia

57.9801, 0.3594, 0.3518



Tritanopia

59.0400, 0.2601, 0.3078

Trichromacy



Original Color

59.0448, 0.2881, 0.4012



Protanomaly

57.9992, 0.3281, 0.3884



Deuteranomaly

57.2542, 0.3297, 0.3686



Tritanomaly

58.8967, 0.2704, 0.3405

Monochromacy



Original Color

59.0448, 0.2881, 0.4012



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.9287, 0.3023, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0448, 0.2881, 0.4012 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(134, 220, 167)` looks like.

```
.text, #text, p{  
    color:rgb(134, 220, 167)  
}
```

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(134, 220, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 220, 167) }
```

Border

The CSS property to change the border of an element to Yxy 59.0448, 0.2881, 0.4012 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(134, 220, 167) }
```

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

```
.border{ border-color:rgb(134, 220, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 220, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 220, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 220, 167); box-shadow:4px 4px 4px 4px rgb(134, 220, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0448, 0.2881, 0.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 220, 167) }
```

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

```
.background{ background-color: rgb(134,  
220, 167) }
```

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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