

Converting Colors

$Yxy(51.9195, 0.2843, 0.3673)$

Have a look what the booklet for
Yxy(51.9195, 0.2843, 0.3673)
contains.

Yxy(51.8490, 0.2839, 0.3664)	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(51.8490, 0.2839, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	8BCCB1
RGB	139, 204, 177
RGB Percent	55%, 80%, 69%
CMY	0.4549, 0.2000, 0.3059
CMYK	0.32, 0.00, 0.13, 0.20
HSL	155°, 39%, 67%
HSV	155°, 32%, 80%
XYZ	40.1745, 51.8490, 49.4858
YIQ	181.4870, -30.0730, -22.1770

Conversions

Conversions Part 2

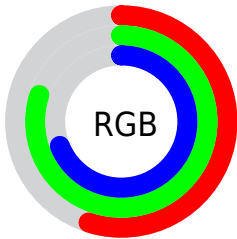
Format	Color
RYB	139, 180, 204
Decimal	9161905
CIELab	77.19, -26.44, 6.90
CIELCh	77, 27.331, 165.369
Yxy	51.8490, 0.2839, 0.3664
Android (android.graphics.Color)	4287351985 (0xFF8BCCB1)
YUV	181.4870, -2.2121, -37.2611
Hunter-Lab	72.0062, -26.4203, 9.6577

Details

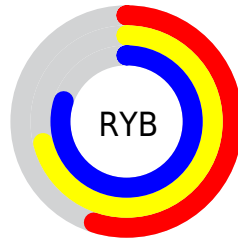
The Yxy color **51.8490, 0.2839, 0.3664** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.0530, 0.3550, 0.2947**, and the grayscale version is **46.5099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8725, 0.2886, 0.3527**, and **25.2464, 0.2760, 0.3791** is the 20% darker color. If you saturate the color by 10%, you get **49.9285, 0.2763, 0.3805**, and if you desaturate by 10%, it is **54.1224, 0.2924, 0.3534**.

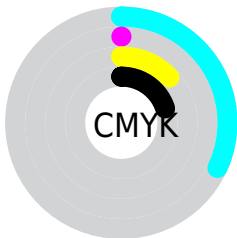
Distribution



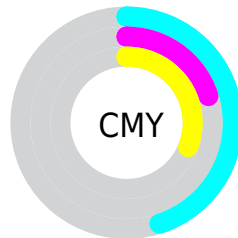
- Red (55%)
- Green (80%)
- Blue (69%)



- Red (55%)
- Yellow (71%)
- Blue (80%)



- Cyan (32%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)





- Cyan (45%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8490, 0.2839, 0.3664 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 51.8490, 0.2839, 0.3664 by changing the saturation by 10% instead.


 51.8490, 0.2839,
0.3664

 51.8490, 0.2839,
0.3664


393.8534, 0.2983,
0.3476


 36.8847, 0.2803,
0.3711


 92.9085, 0.2891,
0.3595

 25.1183, 0.2758,
0.3773


 119.7725, 0.2911,
0.3570

 16.1652, 0.2697,
0.3855


 151.3719, 0.2927,
0.3548

 9.6411, 0.2612,
0.3970

188.0911, 0.2941,
0.3529

 5.1617, 0.2487,
0.4143

230.3144, 0.2954,
0.3513

 2.3424, 0.2283,
0.4434

278.4263, 0.2965,

 0.7960, 0.0860,

0.3499

0.6165

332.8112, 0.2974,
0.3487

■ 0.0000, 0.0000,
0.0000

■ 51.8490, 0.2839,
0.3664

■ 51.8490, 0.2839,
0.3664

■ 49.9285, 0.2763,
0.3805

■ 54.1224, 0.2924,
0.3534

■ 48.3359, 0.2700,
0.3955

■ 56.7595, 0.3015,
0.3415

■ 47.0528, 0.2653,
0.4112


■ 59.7786, 0.3109,
0.3309

■ 46.0565, 0.2624,
0.4274


■ 63.1946, 0.3205,
0.3213


■ 45.3209, 0.2614,
0.4437

■ 67.0219, 0.3301,
0.3129


 44.8147, 0.2625,
0.4596

 70.0413, 0.3345,
0.3050

 44.5273, 0.2645,
0.4722

 70.5231, 0.3283,
0.2968

 71.0283, 0.3222,
0.2887

 71.5571, 0.3163,
0.2808

Harmonies

Analogous

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



51.8490, 0.3196, 0.3903



51.8490, 0.2839, 0.3664



51.8490, 0.2569, 0.3313

Triad

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



51.8490, 0.2839, 0.3664



51.8490, 0.2696, 0.2688



51.8490, 0.3860, 0.3530

Complementary

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



51.8490, 0.2839, 0.3664



34.0530, 0.3550, 0.2947

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.



51.8490, 0.3712, 0.3228



51.8490, 0.2839, 0.3664



51.8490, 0.3023, 0.2760

Square

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



51.8490, 0.2839, 0.3664



51.8490, 0.2491, 0.2761



51.8490, 0.3399, 0.2953



51.8490, 0.3796, 0.3795

Rectangle

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



51.8490, 0.2839, 0.3664



51.8490, 0.2469, 0.3083



51.8490, 0.3399, 0.2953



51.8490, 0.3833, 0.3430

Sweetspot

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



51.8511, 0.2839, 0.3664



94.8169, 0.3031, 0.3396



53.1680, 0.3290, 0.4166



20.1501, 0.3018, 0.3412



0.0000, 0.0000, 0.0000



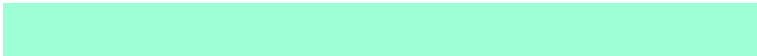
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8511, 0.2839, 0.3664



83.6929, 0.2788, 0.3756



50.5055, 0.2666, 0.3216



12.6451, 0.3038, 0.3388



28.0430, 0.2639, 0.4701



1.4616, 0.2554, 0.4394

Inverse Universe

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



34.0530, 0.3550, 0.2947



49.8410, 0.3673, 0.2873



34.7719, 0.3829, 0.3362



11.2897, 0.3226, 0.3194



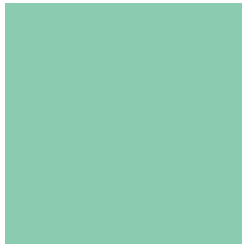
8.5077, 0.5296, 0.2691



0.4539, 0.4791, 0.2413

Previews

White Background



This preview shows how the Yxy color 51.8490, 0.2839, 0.3664 looks on a white background.

Color Contrast Check

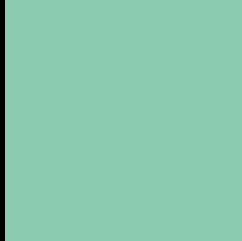
Large Text (above 18pt) WCAG AA × Fail

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 51.8490, 0.2839, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

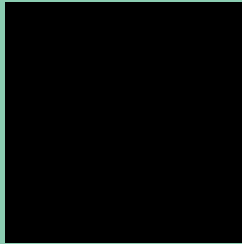
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8490, 0.2839, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 51.8490, 0.2839, 0.3664.



This preview shows how white text looks on a background with the Yxy color 51.8490, 0.2839, 0.3664.

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

51.8490, 0.2839, 0.3664

Protanopia

51.2655, 0.3360, 0.3541

Deuteranopia

51.0521, 0.3385, 0.3315



Tritanopia

51.9562, 0.2652, 0.3081

Trichromacy



Original Color

51.8490, 0.2839, 0.3664

Protanomaly

50.9092, 0.3154, 0.3578

Deuteranomaly

50.8712, 0.3161, 0.3431

Tritanomaly

51.9196, 0.2719, 0.3289

Monochromacy



Original Color

51.8490, 0.2839, 0.3664

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.7975, 0.3008, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8490, 0.2839, 0.3664 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(139, 204, 177)` looks like.

```
.text, #text, p{  
    color:rgb(139, 204, 177)  
}
```

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(139, 204, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 204, 177) }
```

Border

The CSS property to change the border of an element to Yxy 51.8490, 0.2839, 0.3664 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(139, 204, 177) }
```

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

```
.border{ border-color:rgb(139, 204, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 204, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 204, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 204, 177); box-shadow:4px 4px 4px 4px rgb(139, 204, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8490, 0.2839, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 204, 177) }
```

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

```
.background{ background-color: rgb(139,  
204, 177) }
```

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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