

Converting Colors

$Yxy(43.5157, 0.2650, 0.3551)$

Have a look what the booklet for
Yxy(43.5157, 0.2650, 0.3551)
contains.

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Color

Yxy(43.5057, 0.2645, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	6CBFAE
RGB	108, 191, 174
RGB Percent	42%, 75%, 68%
CMY	0.5766, 0.2509, 0.3176
CMYK	0.43, 0.00, 0.09, 0.25
HSL	168°, 39%, 59%
HSV	168°, 43%, 75%
XYZ	32.4514, 43.5057, 46.7324
YIQ	164.2450, -44.0110, -22.8830

Conversions

Conversions Part 2

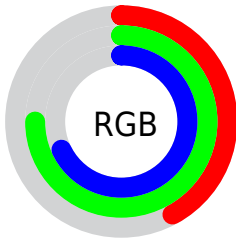
Format	Color
RYB	108, 154, 191
Decimal	7126958
CIELab	71.90, -29.40, 0.68
CIElCh	72, 29.410, 178.669
Yxy	43.5057, 0.2645, 0.3546
Android (android.graphics.Color)	4285317038 (0xFF6CBFAE)
YUV	164.2450, 4.8092, -49.3269
Hunter-Lab	65.9589, -27.6070, 4.1637

Details

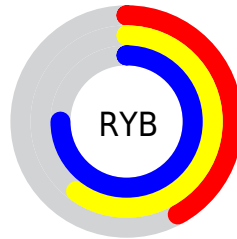
The Yxy color **43.5057, 0.2645, 0.3546** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **23.2741, 0.4014, 0.3059**, and the grayscale version is **37.2359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5785, 0.2734, 0.3507**, and **20.0265, 0.2502, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **42.2883, 0.2566, 0.3616**, and if you desaturate by 10%, it is **44.9933, 0.2739, 0.3480**.

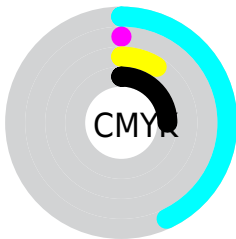
Distribution



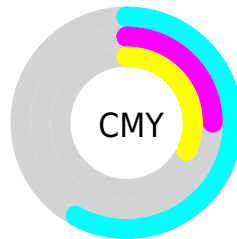
- Red (42%)
- Green (75%)
- Blue (68%)



- Red (42%)
- Yellow (60%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)




- Cyan (58%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5057, 0.2645, 0.3546 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 43.5057, 0.2645, 0.3546 by changing the saturation by 10% instead.


 43.5057, 0.2645,
0.3546


 43.5057, 0.2645,
0.3546


360.6873, 0.2888,
0.3417


 30.2821, 0.2584,
0.3579


 80.4734, 0.2734,
0.3499


 20.0528, 0.2505,
0.3621


 104.9863, 0.2767,
0.3481

 12.4334, 0.2400,
0.3678


 134.0311, 0.2795,
0.3466

 7.0396, 0.2252,
0.3757

 167.9922, 0.2819,
0.3453

 3.4869, 0.2032,
0.3877

207.2540, 0.2840,
0.3442

 1.3909, 0.1582,
0.4120

252.2008, 0.2858,

 0.2100, 0.0000,

0.3433

0.5372

303.2172, 0.2874,
0.3424

0.0000, 0.0000,
0.0000

43.5057, 0.2645,
0.3546

43.5057, 0.2645,
0.3546

42.2883, 0.2566,
0.3616

44.9933, 0.2739,
0.3480

41.3186, 0.2503,
0.3688

46.7617, 0.2846,
0.3417

40.5788, 0.2460,
0.3763


48.8272, 0.2961,
0.3360

40.0467, 0.2435,
0.3837


51.2034, 0.3084,
0.3307

39.6952, 0.2430,
0.3911


53.9028, 0.3210,
0.3260

 39.5293, 0.2433,
0.3960

 56.9376, 0.3337,
0.3217

 60.3190, 0.3464,
0.3179

 62.9477, 0.3542,
0.3144

 63.1393, 0.3510,
0.3104

Harmonies

Analogous

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



43.5057, 0.3016, 0.3899



43.5057, 0.2645, 0.3546



43.5057, 0.2410, 0.3133

Triad

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



43.5057, 0.2645, 0.3546



43.5057, 0.2787, 0.2628



43.5057, 0.3960, 0.3700

Complementary

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



43.5057, 0.2645, 0.3546



23.2741, 0.4014, 0.3059

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.



43.5057, 0.3899, 0.3367



43.5057, 0.2645, 0.3546



43.5057, 0.3196, 0.2774

Square

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



43.5057, 0.2645, 0.3546



43.5057, 0.2488, 0.2632



43.5057, 0.3612, 0.3037



43.5057, 0.3784, 0.3959

Rectangle

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



43.5057, 0.2645, 0.3546



43.5057, 0.2353, 0.2899



43.5057, 0.3612, 0.3037



43.5057, 0.3968, 0.3593

Sweetspot

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



43.5074, 0.2645, 0.3546



87.5492, 0.2965, 0.3358



42.7797, 0.3199, 0.4572



19.0322, 0.2938, 0.3371



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.5074, 0.2645, 0.3546



75.8596, 0.2570, 0.3611



34.7608, 0.2484, 0.2928



10.7752, 0.3011, 0.3337



25.9871, 0.2430, 0.3950



1.0266, 0.2381, 0.3773

Inverse Universe

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



23.2741, 0.4014, 0.3059



35.0132, 0.4320, 0.3016



28.5241, 0.4105, 0.3616



9.5675, 0.3257, 0.3243



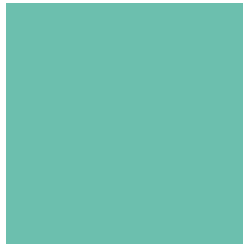
7.3856, 0.6036, 0.3099



0.2989, 0.5375, 0.2734

Previews

White Background



This preview shows how the Yxy color 43.5057, 0.2645, 0.3546 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 43.5057, 0.2645, 0.3546 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

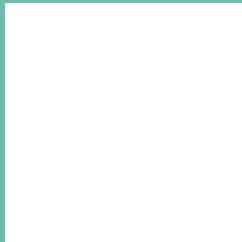
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5057, 0.2645, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 43.5057, 0.2645, 0.3546.



This preview shows how white text looks on a background with the Yxy color 43.5057, 0.2645, 0.3546.

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

43.5057, 0.2645, 0.3546

Protanopia

43.2003, 0.3264, 0.3425

Deuteranopia

43.0402, 0.3250, 0.3187



Tritanopia

43.5179, 0.2517, 0.3074

Trichromacy



Original Color

43.5057, 0.2645, 0.3546

Protanomaly

42.7449, 0.3001, 0.3475

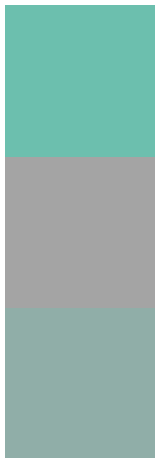
Deuteranomaly

42.5922, 0.2990, 0.3304

Tritanomaly

43.2829, 0.2560, 0.3230

Monochromacy



Original Color

43.5057, 0.2645, 0.3546

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

39.0285, 0.2917, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5057, 0.2645, 0.3546 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(108, 191, 174)` looks like.

```
.text, #text, p{  
    color:rgb(108, 191, 174)  
}
```

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(108, 191, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 191, 174) }
```

Border

The CSS property to change the border of an element to Yxy 43.5057, 0.2645, 0.3546 is called "border". The border property can be set on classes, ids or directly on the HTML element.

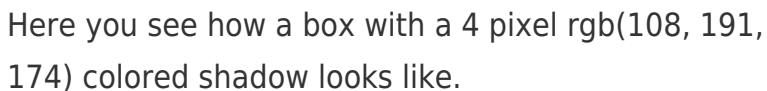
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 191, 174) }
```

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

```
.border{ border-color:rgb(108, 191, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 191, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 191, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 191, 174); box-shadow:4px 4px 4px 4px rgb(108, 191, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5057, 0.2645, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 191, 174) }
```

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

```
.background{ background-color: rgb(108,  
191, 174) }
```

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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