

Converting Colors

$Yxy(43.4055, 0.2594, 0.3484)$

Have a look what the booklet for
Yxy(43.4055, 0.2594, 0.3484)
contains.

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Color

Yxy(43.3595, 0.2593, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	67BFB2
RGB	103, 191, 178
RGB Percent	40%, 75%, 70%
CMY	0.5961, 0.2510, 0.3019
CMYK	0.46, 0.00, 0.07, 0.25
HSL	171°, 41%, 58%
HSV	171°, 46%, 75%
XYZ	32.2615, 43.3595, 48.7965
YIQ	163.2060, -48.2750, -22.6990

Conversions

Conversions Part 2

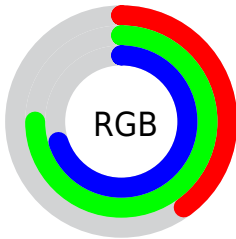
Format	Color
RYB	103, 151, 191
Decimal	6799282
CIELab	71.80, -29.66, -1.68
CIElCh	72, 29.708, 183.234
Yxy	43.3595, 0.2593, 0.3485
Android (android.graphics.Color)	4284989362 (0xFF67BFB2)
YUV	163.2060, 7.2934, -52.8007
Hunter-Lab	65.8479, -27.7798, 2.1568

Details

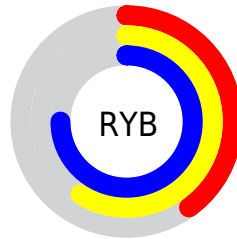
The Yxy color **43.3595, 0.2593, 0.3485** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **22.0385, 0.4168, 0.3115**, and the grayscale version is **36.7117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4462, 0.2689, 0.3449**, and **19.9299, 0.2444, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **42.2457, 0.2513, 0.3535**, and if you desaturate by 10%, it is **44.7370, 0.2689, 0.3437**.

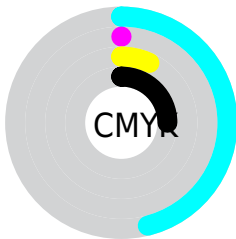
Distribution



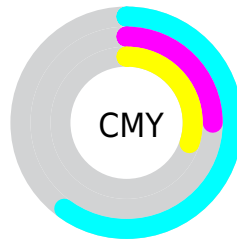
- Red (40%)
- Green (75%)
- Blue (70%)



- Red (40%)
- Yellow (59%)
- Blue (75%)



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)





- Cyan (60%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3595, 0.2593, 0.3485 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 43.3595, 0.2593, 0.3485 by changing the saturation by 10% instead.


 43.3595, 0.2593,
0.3485


 43.3595, 0.2593,
0.3485


360.0881, 0.2861,
0.3389

 30.1673, 0.2526,
0.3509


 80.2531, 0.2691,
0.3450

 19.9656, 0.2440,
0.3539

 104.7232, 0.2727,
0.3437

 12.3700, 0.2325,
0.3578


 133.7215, 0.2758,
0.3426

 6.9962, 0.2166,
0.3633

 167.6322, 0.2785,
0.3416

 3.4597, 0.1930,
0.3710

206.8399, 0.2808,
0.3408

 1.3762, 0.1455,
0.3871

251.7288, 0.2828,

 0.1991, 0.0000,

0.3401

302.6834, 0.2845,
0.3394

0.3735

0.0000, 0.0000,
0.0000

43.3595, 0.2593,
0.3485

43.3595, 0.2593,
0.3485

42.2457, 0.2513,
0.3535

44.7370, 0.2689,
0.3437

41.3727, 0.2451,
0.3586

46.3892, 0.2798,
0.3392

40.7221, 0.2408,
0.3638


48.3327, 0.2918,
0.3350

40.2706, 0.2385,
0.3690


50.5811, 0.3047,
0.3312


39.9884, 0.2378,
0.3742

53.1474, 0.3180,
0.3277

 39.9002, 0.2378,
0.3762

 56.0438, 0.3316,
0.3245

 59.2816, 0.3453,
0.3217

 62.7190, 0.3581,
0.3192

 62.8525, 0.3558,
0.3163

Harmonies

Analogous

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



43.3595, 0.2952, 0.3862



43.3595, 0.2593, 0.3485



43.3595, 0.2382, 0.3073

Triad

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



43.3595, 0.2593, 0.3485



43.3595, 0.2841, 0.2634



43.3595, 0.3957, 0.3751

Complementary

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



43.3595, 0.2593, 0.3485



22.0385, 0.4168, 0.3115

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.



43.3595, 0.3934, 0.3420



43.3595, 0.2593, 0.3485



43.3595, 0.3264, 0.2802

Square

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



43.3595, 0.2593, 0.3485



43.3595, 0.2518, 0.2614



43.3595, 0.3673, 0.3082



43.3595, 0.3746, 0.3994

Rectangle

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



43.3595, 0.2593, 0.3485



43.3595, 0.2344, 0.2849



43.3595, 0.3673, 0.3082



43.3595, 0.3977, 0.3646

Sweetspot

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



43.3612, 0.2593, 0.3485



87.2655, 0.2942, 0.3343



41.9687, 0.3155, 0.4678



18.9808, 0.2914, 0.3352



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.



43.3612, 0.2593, 0.3485



75.6966, 0.2515, 0.3534



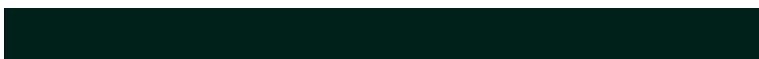
31.8573, 0.2433, 0.2808



10.7847, 0.3004, 0.3324



26.2307, 0.2376, 0.3755



1.0342, 0.2342, 0.3631

Inverse Universe

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



22.0385, 0.4168, 0.3115



32.9230, 0.4530, 0.3087



29.0517, 0.4147, 0.3714



9.5587, 0.3266, 0.3256



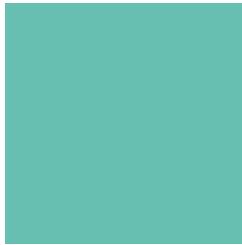
7.3424, 0.6177, 0.3177



0.2950, 0.5615, 0.2867

Previews

White Background



This preview shows how the Yxy color 43.3595, 0.2593, 0.3485 looks on a white background.

Color Contrast Check

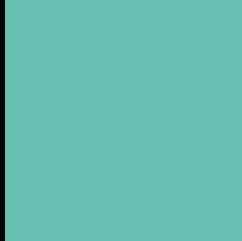
Large Text (above 18pt) WCAG AA × Fail

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 43.3595, 0.2593, 0.3485 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

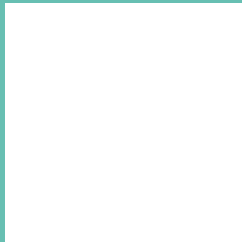
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3595, 0.2593, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 43.3595, 0.2593, 0.3485.



This preview shows how white text looks on a background with the Yxy color 43.3595, 0.2593, 0.3485.

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

43.3595, 0.2593, 0.3485

Protanopia

42.8026, 0.3231, 0.3371

Deuteranopia

42.8597, 0.3180, 0.3122



Tritanopia

43.1199, 0.2484, 0.3072

Trichromacy



Original Color

43.3595, 0.2593, 0.3485

Protanomaly

42.2965, 0.2955, 0.3404

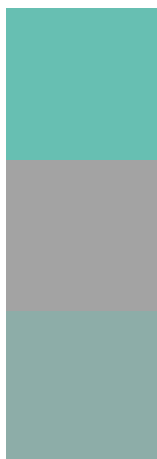
Deuteranomaly

42.3451, 0.2927, 0.3248

Tritanomaly

42.9425, 0.2521, 0.3215

Monochromacy



Original Color

43.3595, 0.2593, 0.3485

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.3770, 0.2892, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3595, 0.2593, 0.3485 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(103, 191, 178)` looks like.

```
.text, #text, p{  
    color:rgb(103, 191, 178)  
}
```

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(103, 191, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 191, 178) }
```

Border

The CSS property to change the border of an element to Yxy 43.3595, 0.2593, 0.3485 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(103, 191, 178) }
```

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

```
.border{ border-color:rgb(103, 191, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 191, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 191, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 191, 178);  
box-shadow:4px 4px 4px 4px rgb(103, 191,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3595, 0.2593, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 191, 178) }
```

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

```
.background{ background-color: rgb(103,  
191, 178) }
```

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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