

Converting Colors

$Yxy(43.5344, 0.2462, 0.3238)$

Have a look what the booklet for
Yxy(43.5344, 0.2462, 0.3238)
contains.

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Color

Yxy(43.5895, 0.2462, 0.3244)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5FBFC2 |
| RGB | 95, 191, 194 |
| RGB Percent | 37%, 75%, 76% |
| CMY | 0.6277, 0.2509, 0.2393 |
| CMYK | 0.51, 0.02, 0.00, 0.24 |
| HSL | 182°, 45%, 57% |
| HSV | 182°, 51%, 76% |
| XYZ | 33.0818, 43.5895, 57.6983 |
| YIQ | 162.6380, -58.1790, -19.4190 |

Conversions

Conversions Part 2

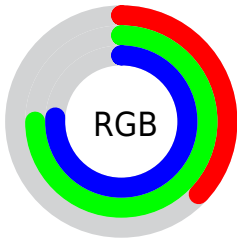
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 95, 144, 194 |
| Decimal | 6275010 |
| CIELab | 71.95, -27.40, -10.20 |
| CIELCh | 72, 29.235, 200.422 |
| Yxy | 43.5895, 0.2462, 0.3244 |
| Android (android.graphics.Color) | 4284465090 (0xFF5FBFC2) |
| YUV | 162.6380, 15.4615, -59.3185 |
| Hunter-Lab | 66.0223, -26.0982, -5.5991 |

Details

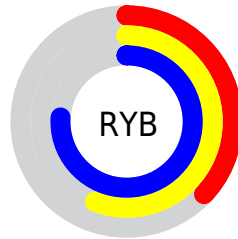
The Yxy color **43.5895, 0.2462, 0.3244** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **21.0129, 0.4548, 0.3333**, and the grayscale version is **36.3873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8092, 0.2585, 0.3266**, and **20.0460, 0.2282, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **42.4258, 0.2377, 0.3234**, and if you desaturate by 10%, it is **45.0162, 0.2565, 0.3254**.

Distribution



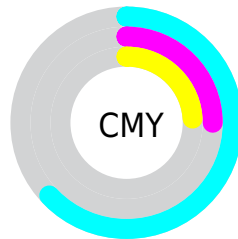
- Red (37%)
- Green (75%)
- Blue (76%)



- Red (37%)
- Yellow (56%)
- Blue (76%)



- Cyan (51%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)





- Cyan (63%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5895, 0.2462, 0.3244 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 43.5895, 0.2462, 0.3244 by changing the saturation by 10% instead.


 43.5895, 0.2462,
0.3244


 43.5895, 0.2462,
0.3244


361.0305, 0.2791,
0.3275


 30.3479, 0.2381,
0.3234


 80.5997, 0.2581,
0.3257


 20.1028, 0.2279,
0.3219


 105.1371, 0.2625,
0.3262

 12.4698, 0.2144,
0.3197


 134.2085, 0.2663,
0.3265

 7.0645, 0.1961,
0.3161

 168.1984, 0.2696,
0.3268

 3.5025, 0.1698,
0.3096

207.4912, 0.2725,
0.3270

 1.3993, 0.1253,
0.2978

252.4712, 0.2750,

 0.2162, 0.0000,

0.3272

0.1856

303.5228, 0.2772,
0.3274

0.0000, 0.0000,
0.0000

43.5895, 0.2462,
0.3244

43.5895, 0.2462,
0.3244

42.4258, 0.2377,
0.3234

45.0162, 0.2565,
0.3254

41.5004, 0.2312,
0.3224

46.7183, 0.2683,
0.3263

40.7926, 0.2265,
0.3214

48.7136, 0.2816,
0.3273

40.2760, 0.2236,
0.3204

51.0168, 0.2959,
0.3281

39.9303, 0.2221,
0.3196

53.6419, 0.3111,
0.3289

■ 56.6016, 0.3267,
0.3297

■ 59.9083, 0.3426,
0.3303

■ 63.5736, 0.3585,
0.3309

■ 64.7471, 0.3623,
0.3315

Harmonies

Analogous

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



43.5895, 0.2739, 0.3654



43.5895, 0.2462, 0.3244



43.5895, 0.2357, 0.2884

Triad

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



43.5895, 0.2462, 0.3244



43.5895, 0.3078, 0.2724



43.5895, 0.3849, 0.3897

Complementary

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



43.5895, 0.2462, 0.3244



21.0129, 0.4548, 0.3333

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.



43.5895, 0.3963, 0.3611



43.5895, 0.2462, 0.3244



43.5895, 0.3502, 0.2958

Square

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



43.5895, 0.2462, 0.3244



43.5895, 0.2694, 0.2617



43.5895, 0.3835, 0.3273



43.5895, 0.3539, 0.4041

Rectangle

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



43.5895, 0.2462, 0.3244



43.5895, 0.2391, 0.2721



43.5895, 0.3835, 0.3273



43.5895, 0.3912, 0.3813

Sweetspot

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



43.5912, 0.2462, 0.3244



90.6314, 0.2898, 0.3278



41.8619, 0.3043, 0.4872



19.6515, 0.2867, 0.3276



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.



43.5912, 0.2462, 0.3244



76.7089, 0.2370, 0.3233



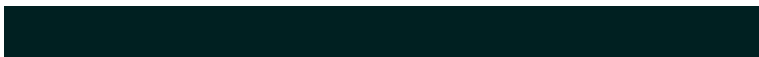
25.9141, 0.2311, 0.2470



11.3749, 0.2984, 0.3283



26.2807, 0.2221, 0.3197



1.1521, 0.2227, 0.3218

Inverse Universe

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



23.4045, 0.3217, 0.2107



36.3671, 0.3236, 0.1910



32.8862, 0.4178, 0.3970



10.2421, 0.3142, 0.3070



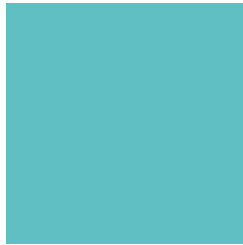
9.9353, 0.3285, 0.1583



0.4309, 0.3267, 0.1573

Previews

White Background



This preview shows how the Yxy color 43.5895, 0.2462, 0.3244 looks on a white background.

Color Contrast Check

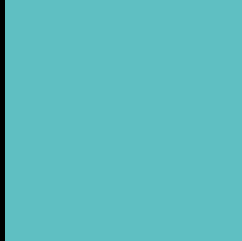
Large Text (above 18pt) WCAG AA × Fail

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 43.5895, 0.2462, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

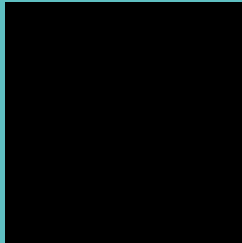
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

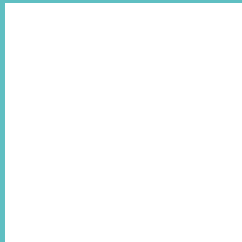
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5895, 0.2462, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 43.5895, 0.2462, 0.3244.

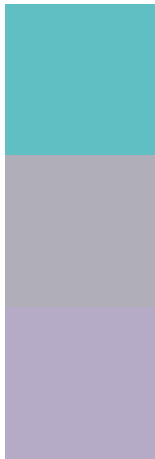


This preview shows how white text looks on a background with the Yxy color 43.5895, 0.2462, 0.3244.

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

43.5895, 0.2462, 0.3244

Protanopia

42.9629, 0.3063, 0.3157

Deuteranopia

43.1481, 0.3004, 0.2943



Tritanopia

43.4556, 0.2417, 0.3057

Trichromacy



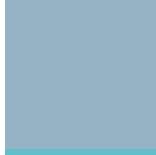
Original Color

43.5895, 0.2462, 0.3244



Protanomaly

42.4764, 0.2799, 0.3177



Deuteranomaly

42.3560, 0.2757, 0.3028



Tritanomaly

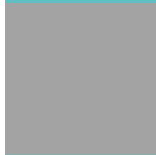
43.6406, 0.2436, 0.3128

Monochromacy



Original Color

43.5895, 0.2462, 0.3244



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

38.3464, 0.2823, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5895, 0.2462, 0.3244 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(95, 191, 194)` looks like.

```
.text, #text, p{  
    color:rgb(95, 191, 194)  
}
```

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(95, 191, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 191, 194) }
```

Border

The CSS property to change the border of an element to Yxy 43.5895, 0.2462, 0.3244 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(95, 191, 194) }
```

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

```
.border{ border-color:rgb(95, 191, 194) }
```

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

Here you see how a box with a 4 pixel rgb(95, 191, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 191, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 191, 194);  
box-shadow:4px 4px 4px 4px rgb(95, 191,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5895, 0.2462, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 191, 194) }
```

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

```
.background{ background-color: rgb(95, 191,  
194) }
```

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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