

Converting Colors

$Yxy(41.5454, 0.2343, 0.2890)$

Have a look what the booklet for
Yxy(41.5454, 0.2343, 0.2890)
contains.

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Color

Yxy(41.4141, 0.2343, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	5EB8D4
RGB	94, 184, 212
RGB Percent	37%, 72%, 83%
CMY	0.6316, 0.2784, 0.1687
CMYK	0.56, 0.13, 0.00, 0.17
HSL	194°, 58%, 60%
HSV	194°, 56%, 83%
XYZ	33.6337, 41.4141, 68.5019
YIQ	160.2820, -62.6280, -10.3720

Conversions

Conversions Part 2

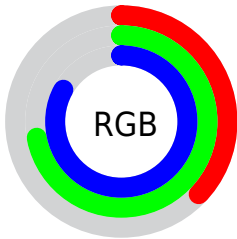
Format	Color
R_{YB}	94, 145, 212
Decimal	6207700
CIE _{Lab}	70.47, -19.04, -22.30
CIE _{LCh}	70, 29.318, 229.508
Yxy	41.4141, 0.2343, 0.2885
Android (android.graphics.Color)	4284397780 (0xFF5EB8D4)
YUV	160.2820, 25.4970, -58.1293
Hunter-Lab	64.3538, -19.3283, -18.0641

Details

The Yxy color **41.4141, 0.2343, 0.2885** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **28.7000, 0.4570, 0.3632**, and the grayscale version is **35.1856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3125, 0.2548, 0.3118**, and **18.8375, 0.2133, 0.2765** is the 20% darker color. If you saturate the color by 10%, you get **38.3950, 0.2240, 0.2799**, and if you desaturate by 10%, it is **44.8180, 0.2463, 0.2969**.

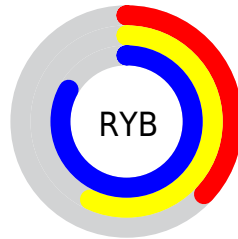
Distribution



Red (37%)

Green (72%)

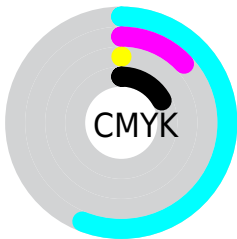
Blue (83%)



Red (37%)

Yellow (57%)

Blue (83%)

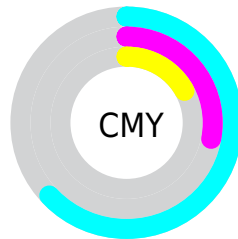


Cyan (56%)

Magenta (13%)

Yellow (0%)

Black (17%)



Cyan (63%)

Magenta (28%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4141, 0.2343, 0.2885 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 41.4141, 0.2343, 0.2885 by changing the saturation by 10% instead.

■ 41.4141, 0.2343,
0.2885

■ 41.4141, 0.2343,
0.2885

■ 352.0484, 0.2730,
0.3099

■ 28.6428, 0.2249,
0.2829

■ 77.3121, 0.2482,
0.2965

■ 18.8108, 0.2131,
0.2755

■ 101.2076, 0.2534,
0.2994

■ 11.5336, 0.1977,
0.2656

■ 129.5800, 0.2579,
0.3019

■ 6.4270, 0.1770,
0.2513

■ 162.8136, 0.2618,
0.3040

■ 3.1064, 0.1483,
0.2298

■ 201.2928, 0.2651,
0.3058

■ 1.1875, 0.1045,
0.1950

■ 245.4021, 0.2681,

■ 0.0515, 0.0000,

0.3073

0.0282

295.5258, 0.2707,
0.3087

0.0000, 0.0000,
0.0000

41.4141, 0.2343,
0.2885

41.4141, 0.2343,
0.2885

38.3950, 0.2240,
0.2799

44.8180, 0.2463,
0.2969

35.7296, 0.2155,
0.2711

48.6258, 0.2595,
0.3049

33.3883, 0.2090,
0.2622

52.8605, 0.2738,
0.3123

31.3334, 0.2044,
0.2535

57.5420, 0.2887,
0.3193

30.5066, 0.2027,
0.2498

62.6886, 0.3040,
0.3257

■ 68.3177, 0.3193,
0.3314

■ 74.4454, 0.3345,
0.3366

■ 79.4343, 0.3431,
0.3414

■ 82.1781, 0.3423,
0.3464

Harmonies

Analogous

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



41.4141, 0.2455, 0.3255



41.4141, 0.2343, 0.2885



41.4141, 0.2420, 0.2659

Triad

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



41.4141, 0.2343, 0.2885



41.4141, 0.3497, 0.2942



41.4141, 0.3558, 0.4055

Complementary

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



41.4141, 0.2343, 0.2885



28.7000, 0.4570, 0.3632

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.



41.4141, 0.3870, 0.3901



41.4141, 0.2343, 0.2885



41.4141, 0.3842, 0.3262

Square

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



41.4141, 0.2343, 0.2885



41.4141, 0.3064, 0.2708



41.4141, 0.3980, 0.3606



41.4141, 0.3144, 0.3980

Rectangle

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



41.4141, 0.2343, 0.2885



41.4141, 0.2572, 0.2603



41.4141, 0.3980, 0.3606



41.4141, 0.3679, 0.4026

Sweetspot

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



41.4156, 0.2343, 0.2885



86.3046, 0.2865, 0.3183



50.8511, 0.2905, 0.4671



18.1562, 0.2834, 0.3169



0.0000, 0.0000, 0.0000



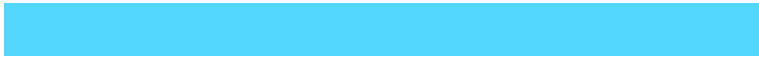
21.4041, 0.3127, 0.3290

Same Dimension

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



41.4156, 0.2343, 0.2885



57.4640, 0.2221, 0.2781



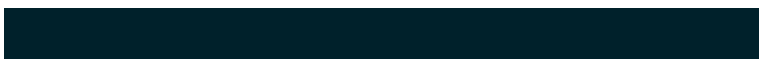
21.9017, 0.2151, 0.1973



13.5858, 0.2982, 0.3233



18.9960, 0.2031, 0.2510



1.2690, 0.2072, 0.2661

Inverse Universe

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



25.4505, 0.3509, 0.2244



32.5052, 0.3621, 0.2079



47.6512, 0.4122, 0.4308



12.5800, 0.3174, 0.3114



10.2625, 0.3912, 0.1929



0.6314, 0.3766, 0.1848

Previews

White Background



This preview shows how the Yxy color 41.4141, 0.2343, 0.2885 looks on a white background.

Color Contrast Check

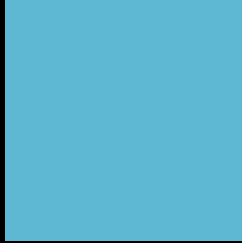
Large Text (above 18pt) WCAG AA × Fail

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 41.4141, 0.2343, 0.2885 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 41.4141, 0.2343, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 41.4141, 0.2343, 0.2885.

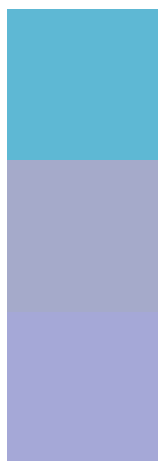


This preview shows how white text looks on a background with the Yxy color 41.4141, 0.2343, 0.2885.

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

41.4141, 0.2343, 0.2885

Protanopia

41.0131, 0.2831, 0.2864

Deuteranopia

40.9109, 0.2737, 0.2680



Tritanopia

41.5085, 0.2387, 0.3066

Trichromacy



Original Color

41.4141, 0.2343, 0.2885

Protanomaly

40.6051, 0.2614, 0.2860

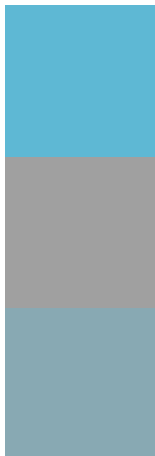
Deuteranomaly

40.6161, 0.2562, 0.2744

Tritanomaly

41.3298, 0.2368, 0.2994

Monochromacy



Original Color

41.4141, 0.2343, 0.2885

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.8648, 0.2767, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4141, 0.2343, 0.2885 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(94, 184, 212)` looks like.

```
.text, #text, p{  
    color:rgb(94, 184, 212)  
}
```

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(94, 184, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 184, 212) }
```

Border

The CSS property to change the border of an element to Yxy 41.4141, 0.2343, 0.2885 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(94, 184, 212) }
```

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

```
.border{ border-color:rgb(94, 184, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 184, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 184, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 184, 212);  
box-shadow:4px 4px 4px 4px rgb(94, 184,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4141, 0.2343, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 184, 212) }
```

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

```
.background{ background-color: rgb(94, 184,  
212) }
```

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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