

Converting Colors

$Y_{xy}(43.1757, 0.2505, 0.2858)$

Have a look what the booklet for
Yxy(43.1757, 0.2505, 0.2858)
contains.

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Color

Yxy(43.2340, 0.2504, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	7FB7D6
RGB	127, 183, 214
RGB Percent	50%, 72%, 84%
CMY	0.5023, 0.2823, 0.1608
CMYK	0.41, 0.14, 0.00, 0.16
HSL	201°, 51%, 67%
HSV	201°, 41%, 84%
XYZ	37.8128, 43.2340, 69.9627
YIQ	169.7900, -43.3270, -2.2310

Conversions

Conversions Part 2

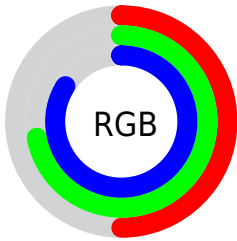
Format	Color
R _Y B	127, 161, 214
Decimal	8370134
CIE Lab	71.71, -10.34, -21.35
CIE LCh	72, 23.724, 244.164
Yxy	43.2340, 0.2504, 0.2863
Android (android.graphics.Color)	4286560214 (0xFF7FB7D6)
YUV	169.7900, 21.7955, -37.5268
Hunter-Lab	65.7526, -12.4158, -17.0595

Details

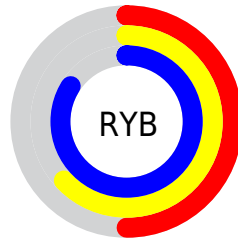
The Yxy color **43.2340, 0.2504, 0.2863** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **40.2398, 0.3996, 0.3674**, and the grayscale version is **39.9865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0203, 0.2698, 0.3114**, and **19.8462, 0.2333, 0.2737** is the 20% darker color. If you saturate the color by 10%, you get **38.7089, 0.2363, 0.2736**, and if you desaturate by 10%, it is **48.2811, 0.2653, 0.2982**.

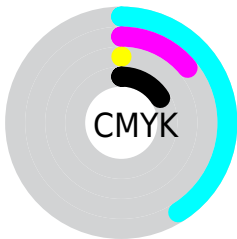
Distribution



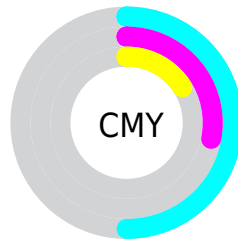
- Red (50%)
- Green (72%)
- Blue (84%)



- Red (50%)
- Yellow (63%)
- Blue (84%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (50%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2340, 0.2504, 0.2863 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 43.2340, 0.2504, 0.2863 by changing the saturation by 10% instead.

■ 43.2340, 0.2504,
0.2863

■ 43.2340, 0.2504,
0.2863

■ 359.5732, 0.2812,
0.3081

■ 30.0688, 0.2429,
0.2807

■ 80.0639, 0.2615,
0.2943

■ 19.8908, 0.2334,
0.2736

■ 104.4973, 0.2657,
0.2973

■ 12.3157, 0.2209,
0.2640

■ 133.4555, 0.2692,
0.2998

■ 6.9591, 0.2041,
0.2506

■ 167.3230, 0.2723,
0.3020

■ 3.4365, 0.1801,
0.2308

■ 206.4841, 0.2749,
0.3038

■ 1.3636, 0.1442,
0.1991

■ 251.3233, 0.2773,

■ 0.1897, 0.0000,

0.3055

0.0907

302.2248, 0.2793,
0.3069

0.0000, 0.0000,
0.0000

43.2340, 0.2504,
0.2863

43.2340, 0.2504,
0.2863

38.7089, 0.2363,
0.2736

48.2811, 0.2653,
0.2982

34.6758, 0.2235,
0.2604

53.8680, 0.2807,
0.3092

31.1088, 0.2123,
0.2467

60.0179, 0.2963,
0.3193

27.9766, 0.2031,
0.2330

66.7506, 0.3117,
0.3284

25.2427, 0.1959,
0.2193

74.0850, 0.3267,
0.3366

■ 22.9969, 0.1908,
0.2069

■ 81.9799, 0.3410,
0.3438

■ 86.2770, 0.3398,
0.3513

■ 90.7609, 0.3386,
0.3586

■ 95.4340, 0.3375,
0.3658

Harmonies

Analogous

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



43.2340, 0.2521, 0.3113



43.2340, 0.2504, 0.2863



43.2340, 0.2642, 0.2742

Triad

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



43.2340, 0.2504, 0.2863



43.2340, 0.3572, 0.3132



43.2340, 0.3320, 0.3890

Complementary

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



43.2340, 0.2504, 0.2863



40.2398, 0.3996, 0.3674

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.



43.2340, 0.3618, 0.3859



43.2340, 0.2504, 0.2863



43.2340, 0.3773, 0.3411

Square

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



43.2340, 0.2504, 0.2863



43.2340, 0.3250, 0.2900



43.2340, 0.3789, 0.3676



43.2340, 0.2980, 0.3733

Rectangle

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



43.2340, 0.2504, 0.2863



43.2340, 0.2808, 0.2738



43.2340, 0.3789, 0.3676



43.2340, 0.3428, 0.3900

Sweetspot

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



43.2357, 0.2504, 0.2863



87.9027, 0.2940, 0.3179



55.0414, 0.2890, 0.4089



18.5495, 0.2920, 0.3166



0.0000, 0.0000, 0.0000



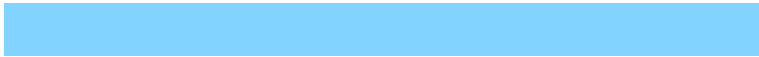
21.4041, 0.3127, 0.3290

Same Dimension

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



43.2357, 0.2504, 0.2863



58.3394, 0.2380, 0.2752



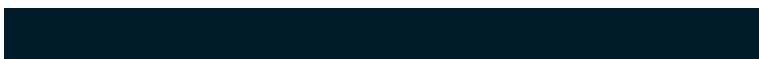
28.1101, 0.2405, 0.2234



13.3301, 0.2982, 0.3205



14.1044, 0.1914, 0.2089



1.0043, 0.1978, 0.2320

Inverse Universe

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



32.8718, 0.3493, 0.2618



41.9196, 0.3604, 0.2479



57.5649, 0.3788, 0.4160



12.5542, 0.3192, 0.3141



9.7687, 0.4353, 0.2172



0.6047, 0.4105, 0.2035

Previews

White Background



This preview shows how the Yxy color 43.2340, 0.2504, 0.2863 looks on a white background.

Color Contrast Check

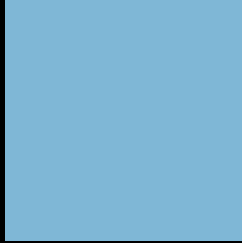
Large Text (above 18pt) WCAG AA × Fail

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 43.2340, 0.2504, 0.2863 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 43.2340, 0.2504, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 43.2340, 0.2504, 0.2863.

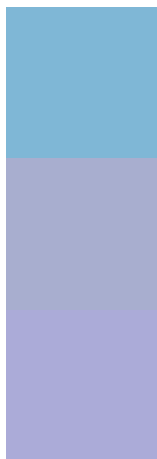


This preview shows how white text looks on a background with the Yxy color 43.2340, 0.2504, 0.2863.

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

43.2340, 0.2504, 0.2863

Protanopia

43.1019, 0.2822, 0.2859

Deuteranopia

42.7416, 0.2780, 0.2715



Tritanopia

43.0790, 0.2566, 0.3075

Trichromacy



Original Color

43.2340, 0.2504, 0.2863

Protanomaly

42.8697, 0.2691, 0.2849

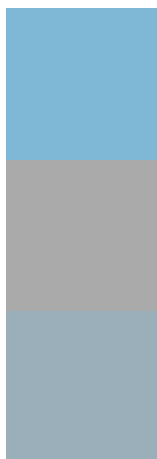
Deuteranomaly

42.5348, 0.2670, 0.2762

Tritanomaly

42.9738, 0.2540, 0.2993

Monochromacy



Original Color

43.2340, 0.2504, 0.2863

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.0751, 0.2864, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2340, 0.2504, 0.2863 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(127, 183, 214)` looks like.

```
.text, #text, p{  
    color:rgb(127, 183, 214)  
}
```

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(127, 183, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 183, 214) }
```

Border

The CSS property to change the border of an element to Yxy 43.2340, 0.2504, 0.2863 is called "border". The border property can be set on classes, ids or directly on the HTML element.

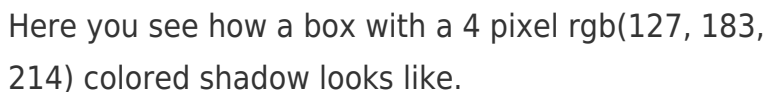
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 183, 214) }
```

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

```
.border{ border-color:rgb(127, 183, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 183, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 183, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 183, 214);  
box-shadow:4px 4px 4px 4px rgb(127, 183,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2340, 0.2504, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 183, 214) }
```

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

```
.background{ background-color: rgb(127,  
183, 214) }
```

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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