

Converting Colors

$Y_{xy}(43.5460, 0.2452, 0.2745)$

Have a look what the booklet for
Yxy(43.5460, 0.2452, 0.2745)
contains.

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Color

Yxy(43.7067, 0.2455, 0.2751)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 7FB7DF |
| RGB | 127, 183, 223 |
| RGB Percent | 50%, 72%, 87% |
| CMY | 0.5018, 0.2823, 0.1256 |
| CMYK | 0.43, 0.18, 0.00, 0.13 |
| HSL | 205°, 60%, 69% |
| HSV | 205°, 43%, 87% |
| XYZ | 39.0040, 43.7067, 76.1650 |
| YIQ | 170.8160, -46.2160, 0.5680 |

Conversions

Conversions Part 2

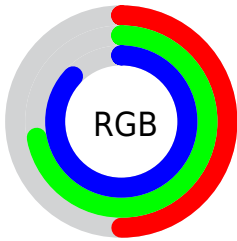
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 127, 162, 223 |
| Decimal | 8370143 |
| CIELab | 72.03, -7.89, -25.76 |
| CIELCh | 72, 26.941, 252.971 |
| Yxy | 43.7067, 0.2455, 0.2751 |
| Android (android.graphics.Color) | 4286560223 (0xFF7FB7DF) |
| YUV | 170.8160, 25.7267, -38.4266 |
| Hunter-Lab | 66.1110, -10.3835, -22.0289 |

Details

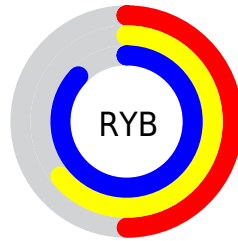
The Yxy color **43.7067, 0.2455, 0.2751** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **44.8491, 0.4035, 0.3765**, and the grayscale version is **40.5168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0203, 0.2698, 0.3114**, and **20.1320, 0.2269, 0.2588** is the 20% darker color. If you saturate the color by 10%, you get **38.4753, 0.2309, 0.2598**, and if you desaturate by 10%, it is **49.5730, 0.2609, 0.2895**.

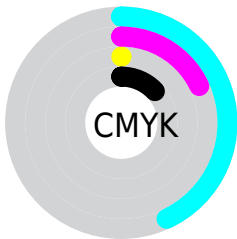
Distribution



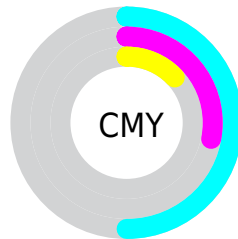
- Red (50%)
- Green (72%)
- Blue (87%)



- Red (50%)
- Yellow (64%)
- Blue (87%)



- Cyan (43%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (50%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7067, 0.2455, 0.2751 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 43.7067, 0.2455, 0.2751 by changing the saturation by 10% instead.

■ 43.7067, 0.2455,
0.2751

■ 43.7067, 0.2455,
0.2751

■ 361.5101, 0.2785,
0.3023

■ 30.4400, 0.2375,
0.2683

■ 80.7762, 0.2573,
0.2850

■ 20.1728, 0.2274,
0.2597

■ 105.3478, 0.2618,
0.2887

■ 12.5207, 0.2143,
0.2482

■ 134.4565, 0.2657,
0.2918

■ 7.0993, 0.1967,
0.2326

■ 168.4867, 0.2690,
0.2945

■ 3.5243, 0.1721,
0.2100

■ 207.8227, 0.2718,
0.2969

■ 1.4112, 0.1362,
0.1755

■ 252.8490, 0.2743,

■ 0.2250, 0.0077,

0.2989

0.0819

303.9500, 0.2766,
0.3007

0.0000, 0.0000,
0.0000

43.7067, 0.2455,
0.2751

43.7067, 0.2455,
0.2751

38.4753, 0.2309,
0.2598

49.5730, 0.2609,
0.2895

33.8438, 0.2175,
0.2439

56.0970, 0.2767,
0.3028

29.7805, 0.2059,
0.2276

63.3059, 0.2925,
0.3149

26.2476, 0.1962,
0.2114

71.2240, 0.3081,
0.3259

23.2002, 0.1888,
0.1955

79.8739, 0.3232,
0.3357

■ 21.3147, 0.1847,
0.1847

■ 88.1589, 0.3336,
0.3446

■ 93.7292, 0.3324,
0.3536

■ 98.1057, 0.3316,
0.3602

Harmonies

Analogous

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



43.7067, 0.2422, 0.2991



43.7067, 0.2455, 0.2751



43.7067, 0.2655, 0.2664

Triad

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



43.7067, 0.2455, 0.2751



43.7067, 0.3717, 0.3199



43.7067, 0.3229, 0.3943

Complementary

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



43.7067, 0.2455, 0.2751



44.8491, 0.4035, 0.3765

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.



43.7067, 0.3592, 0.3966



43.7067, 0.2455, 0.2751



43.7067, 0.3888, 0.3514

Square

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



43.7067, 0.2455, 0.2751



43.7067, 0.3379, 0.2920



43.7067, 0.3838, 0.3796



43.7067, 0.2854, 0.3707

Rectangle

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



43.7067, 0.2455, 0.2751



43.7067, 0.2866, 0.2691



43.7067, 0.3838, 0.3796



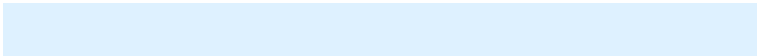
43.7067, 0.3357, 0.3975

Sweetspot

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



43.7084, 0.2455, 0.2751



85.7500, 0.2924, 0.3148



60.0009, 0.2852, 0.4078



17.8716, 0.2889, 0.3122



0.0000, 0.0000, 0.0000



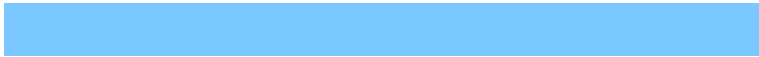
21.4041, 0.3127, 0.3290

Same Dimension

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



43.7084, 0.2455, 0.2751



52.5873, 0.2318, 0.2608



27.6249, 0.2344, 0.2092



14.5654, 0.2981, 0.3190



12.7655, 0.1853, 0.1870



1.0604, 0.1920, 0.2111

Inverse Universe

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



34.2879, 0.3587, 0.2641



39.4367, 0.3733, 0.2510



64.9895, 0.3807, 0.4256



13.8340, 0.3201, 0.3154



10.1967, 0.4602, 0.2309



0.7245, 0.4329, 0.2159

Previews

White Background



This preview shows how the Yxy color 43.7067, 0.2455, 0.2751 looks on a white background.

Color Contrast Check

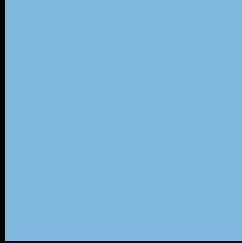
Large Text (above 18pt) WCAG AA × Fail

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 43.7067, 0.2455, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

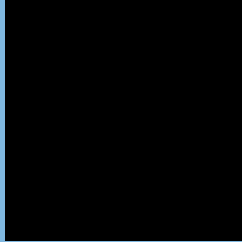
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

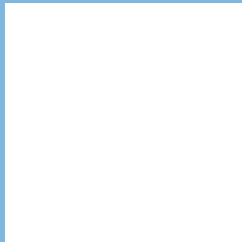
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7067, 0.2455, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 43.7067, 0.2455, 0.2751.



This preview shows how white text looks on a background with the Yxy color 43.7067, 0.2455, 0.2751.

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

43.7067, 0.2455, 0.2751

Protanopia

43.3888, 0.2737, 0.2737

Deuteranopia

43.5389, 0.2690, 0.2634



Tritanopia

43.8699, 0.2546, 0.3076

Trichromacy



Original Color

43.7067, 0.2455, 0.2751

Protanomaly

43.2342, 0.2626, 0.2739

Deuteranomaly

43.5015, 0.2595, 0.2680

Tritanomaly

43.9819, 0.2510, 0.2955

Monochromacy



Original Color

43.7067, 0.2455, 0.2751

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.3462, 0.2843, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7067, 0.2455, 0.2751 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(127, 183, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 183, 223) }
```

Border

The CSS property to change the border of an element to Yxy 43.7067, 0.2455, 0.2751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

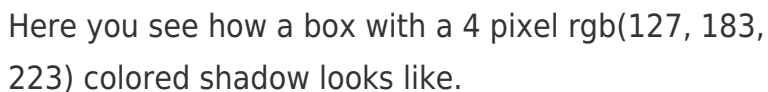
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 183, 223) }
```

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

```
.border{ border-color:rgb(127, 183, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 183, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 183, 223); box-shadow:4px 4px 4px 4px rgb(127, 183, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7067, 0.2455, 0.2751 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, 223) }
```

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

```
.background{ background-color: rgb(127,  
183, 223) }
```

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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