

Converting Colors

$Y_{xy}(44.6018, 0.2510, 0.2911)$

Have a look what the booklet for
Yxy(44.6018, 0.2510, 0.2911)
contains.

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Color

Yxy(44.4849, 0.2511, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	7FBAD6
RGB	127, 186, 214
RGB Percent	50%, 73%, 84%
CMY	0.5019, 0.2706, 0.1607
CMYK	0.41, 0.13, 0.00, 0.16
HSL	199°, 52%, 67%
HSV	199°, 41%, 84%
XYZ	38.4515, 44.4849, 70.1958
YIQ	171.5510, -44.1520, -3.8000

Conversions

Conversions Part 2

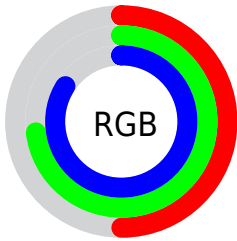
Format	Color
R _Y B	127, 162, 214
Decimal	8370902
CIE Lab	72.55, -11.89, -20.10
CIE LCh	73, 23.354, 239.390
Yxy	44.4849, 0.2511, 0.2905
Android (android.graphics.Color)	4286560982 (0xFF7FBAD6)
YUV	171.5510, 20.9274, -39.0712
Hunter-Lab	66.6970, -13.8127, -15.7123

Details

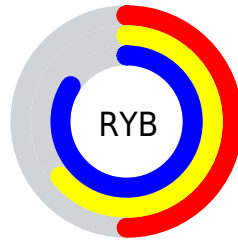
The Yxy color **44.4849, 0.2511, 0.2905** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **39.2853, 0.4010, 0.3639**, and the grayscale version is **40.9272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7915, 0.2701, 0.3148**, and **20.6560, 0.2345, 0.2797** is the 20% darker color. If you saturate the color by 10%, you get **40.1794, 0.2374, 0.2791**, and if you desaturate by 10%, it is **49.2830, 0.2657, 0.3012**.

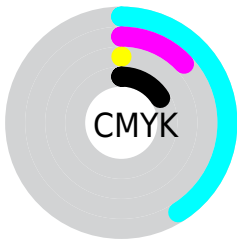
Distribution



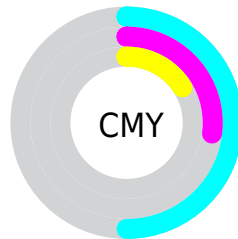
- Red (50%)
- Green (73%)
- Blue (84%)



- Red (50%)
- Yellow (64%)
- Blue (84%)



- Cyan (41%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)





- Cyan (50%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4849, 0.2511, 0.2905 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 44.4849, 0.2511, 0.2905 by changing the saturation by 10% instead.


 44.4849, 0.2511,
0.2905


 44.4849, 0.2511,
0.2905


364.6834, 0.2814,
0.3102

 31.0519, 0.2437,
0.2855


 81.9469, 0.2620,
0.2978

 20.6384, 0.2344,
0.2790


 106.7447, 0.2661,
0.3005

 12.8599, 0.2223,
0.2703


 136.0995, 0.2696,
0.3027

 7.3322, 0.2059,
0.2581

170.3958, 0.2726,
0.3047

 3.6707, 0.1826,
0.2400

210.0180, 0.2752,
0.3063

 1.4911, 0.1478,
0.2109

255.3503, 0.2776,

 0.2825, 0.0000,

0.3078

0.1281

306.7773, 0.2796,
0.3091

0.0000, 0.0000,
0.0000

44.4849, 0.2511,
0.2905

44.4849, 0.2511,
0.2905

40.1794, 0.2374,
0.2791

49.2830, 0.2657,
0.3012

36.3371, 0.2251,
0.2672

54.5908, 0.2809,
0.3111

32.9328, 0.2144,
0.2550

60.4306, 0.2963,
0.3202

29.9361, 0.2056,
0.2426

66.8218, 0.3117,
0.3285

27.3110, 0.1989,
0.2304

73.7826, 0.3268,
0.3359

■ 25.1371, 0.1942,
0.2191

■ 81.2508, 0.3412,
0.3425

■ 85.1052, 0.3401,
0.3493

■ 89.1124, 0.3390,
0.3559

■ 93.2741, 0.3380,
0.3625

Harmonies

Analogous

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



44.4849, 0.2552, 0.3165



44.4849, 0.2511, 0.2905



44.4849, 0.2622, 0.2764

Triad

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



44.4849, 0.2511, 0.2905



44.4849, 0.3516, 0.3096



44.4849, 0.3367, 0.3882

Complementary

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



44.4849, 0.2511, 0.2905



39.2853, 0.4010, 0.3639

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.



44.4849, 0.3643, 0.3825



44.4849, 0.2511, 0.2905



44.4849, 0.3737, 0.3364

Square

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



44.4849, 0.2511, 0.2905



44.4849, 0.3193, 0.2880



44.4849, 0.3783, 0.3630



44.4849, 0.3036, 0.3757

Rectangle

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



44.4849, 0.2511, 0.2905



44.4849, 0.2773, 0.2746



44.4849, 0.3783, 0.3630



44.4849, 0.3469, 0.3882

Sweetspot

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



44.4866, 0.2511, 0.2905



88.5238, 0.2941, 0.3190



54.9711, 0.2908, 0.4132



18.6960, 0.2920, 0.3178



0.0000, 0.0000, 0.0000



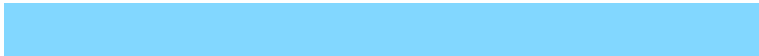
21.4041, 0.3127, 0.3290

Same Dimension

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



44.4866, 0.2511, 0.2905



60.4478, 0.2390, 0.2805



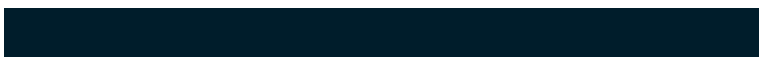
29.0008, 0.2412, 0.2278



13.4021, 0.2982, 0.3213



15.3852, 0.1947, 0.2209



1.0749, 0.2005, 0.2418

Inverse Universe

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



33.0249, 0.3460, 0.2586



42.1325, 0.3561, 0.2441



56.2542, 0.3801, 0.4129



12.5615, 0.3186, 0.3133



9.8980, 0.4223, 0.2100



0.6118, 0.4005, 0.1980

Previews

White Background



This preview shows how the Yxy color 44.4849, 0.2511, 0.2905 looks on a white background.

Color Contrast Check

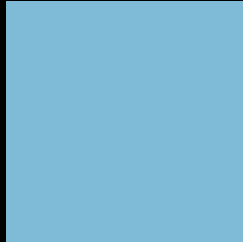
Large Text (above 18pt) WCAG AA × Fail

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 44.4849, 0.2511, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

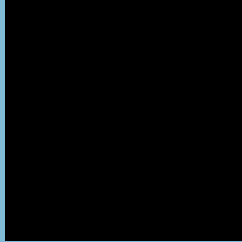
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4849, 0.2511, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 44.4849, 0.2511, 0.2905.



This preview shows how white text looks on a background with the Yxy color 44.4849, 0.2511, 0.2905.

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

44.4849, 0.2511, 0.2905

Protanopia

44.2136, 0.2847, 0.2889

Deuteranopia

44.3958, 0.2806, 0.2748



Tritanopia

44.5633, 0.2561, 0.3078

Trichromacy



Original Color

44.4849, 0.2511, 0.2905

Protanomaly

44.2642, 0.2709, 0.2892

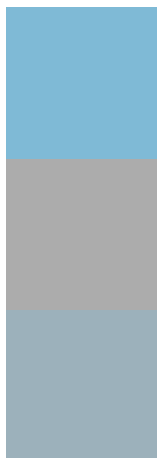
Deuteranomaly

44.0678, 0.2689, 0.2794

Tritanomaly

44.4056, 0.2541, 0.3010

Monochromacy



Original Color

44.4849, 0.2511, 0.2905

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.1001, 0.2874, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4849, 0.2511, 0.2905 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, 186, 214)` looks like.

```
.text, #text, p{  
    color:rgb(127, 186, 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, 186, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 186, 214) }
```

Border

The CSS property to change the border of an element to Yxy 44.4849, 0.2511, 0.2905 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, 186, 214) }
```

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

```
.border{ border-color:rgb(127, 186, 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, 186, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 186, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 186, 214);  
box-shadow:4px 4px 4px 4px rgb(127, 186,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4849, 0.2511, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 186, 214) }
```

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

```
.background{ background-color: rgb(127,  
186, 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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