

Converting Colors

$Yxy(46.5442, 0.2482, 0.3059)$

Have a look what the booklet for
Yxy(46.5442, 0.2482, 0.3059)
contains.

Yxy(46.4379, 0.2483, 0.3052)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.4379, 0.2483, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	73C1D2
RGB	115, 193, 210
RGB Percent	45%, 76%, 82%
CMY	0.5487, 0.2432, 0.1765
CMYK	0.45, 0.08, 0.00, 0.18
HSL	191°, 51%, 64%
HSV	191°, 45%, 82%
XYZ	37.7802, 46.4379, 67.9375
YIQ	171.6160, -51.9450, -11.2490

Conversions

Conversions Part 2

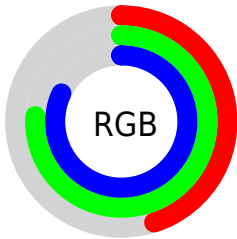
Format	Color
R _{YB}	115, 158, 210
Decimal	7586258
CIE _{Lab}	73.83, -19.56, -16.02
CIE _{LCh}	74, 25.288, 219.323
Yxy	46.4379, 0.2483, 0.3052
Android (android.graphics.Color)	4285776338 (0xFF73C1D2)
YUV	171.6160, 18.9233, -49.6522
Hunter-Lab	68.1454, -20.2928, -11.4074

Details

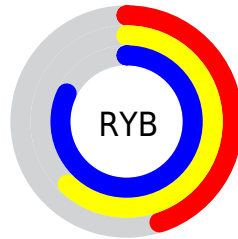
The Yxy color **46.4379, 0.2483, 0.3052** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.4664, 0.4228, 0.3507**, and the grayscale version is **40.9837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3619, 0.2655, 0.3234**, and **21.7354, 0.2305, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **43.5314, 0.2370, 0.2990**, and if you desaturate by 10%, it is **49.7146, 0.2610, 0.3111**.

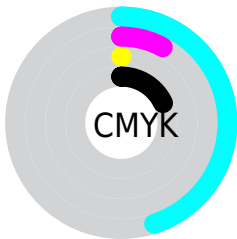
Distribution



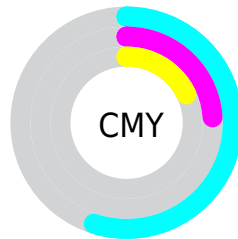
- Red (45%)
- Green (76%)
- Blue (82%)



- Red (45%)
- Yellow (62%)
- Blue (82%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (55%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.4379, 0.2483, 0.3052 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 46.4379, 0.2483, 0.3052 by changing the saturation by 10% instead.

■ 46.4379, 0.2483,
0.3052

■ 46.4379, 0.2483,
0.3052

372.5664, 0.2797,
0.3178

■ 32.5915, 0.2407,
0.3019

■ 84.8740, 0.2595,
0.3099

■ 21.8137, 0.2312,
0.2975

■ 110.2325, 0.2638,
0.3116

■ 13.7201, 0.2187,
0.2916

■ 140.1971, 0.2674,
0.3131

■ 7.9262, 0.2020,
0.2831

175.1523, 0.2706,
0.3143

■ 4.0478, 0.1785,
0.2700

215.4824, 0.2733,
0.3154

■ 1.7003, 0.1435,
0.2478

261.5719, 0.2757,

■ 0.4239, 0.0000,

0.3163

0.1974

313.8050, 0.2778,
0.3171

0.0000, 0.0000,
0.0000

46.4379, 0.2483,
0.3052

46.4379, 0.2483,
0.3052

43.5314, 0.2370,
0.2990

49.7146, 0.2610,
0.3111

40.9671, 0.2274,
0.2926

53.3766, 0.2749,
0.3167

38.7214, 0.2196,
0.2862


57.4446, 0.2896,
0.3219


36.7648, 0.2138,
0.2797

61.9361, 0.3047,
0.3267

35.0614, 0.2099,
0.2733


66.8675, 0.3201,
0.3310

 34.3013, 0.2084,
0.2702

 72.2543, 0.3355,
0.3349

 76.7431, 0.3454,
0.3385

 78.7318, 0.3447,
0.3423

 80.7651, 0.3441,
0.3461

Harmonies

Analogous

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



46.4379, 0.2633, 0.3383



46.4379, 0.2483, 0.3052



46.4379, 0.2493, 0.2814

Triad

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



46.4379, 0.2483, 0.3052



46.4379, 0.3317, 0.2921



46.4379, 0.3591, 0.3901

Complementary

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



46.4379, 0.2483, 0.3052



31.4664, 0.4228, 0.3507

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.



46.4379, 0.3798, 0.3731



46.4379, 0.2483, 0.3052



46.4379, 0.3638, 0.3174

Square

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



46.4379, 0.2483, 0.3052



46.4379, 0.2958, 0.2755



46.4379, 0.3817, 0.3464



46.4379, 0.3266, 0.3901

Rectangle

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



46.4379, 0.2483, 0.3052



46.4379, 0.2589, 0.2731



46.4379, 0.3817, 0.3464



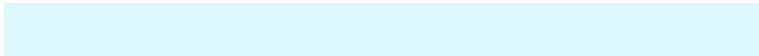
46.4379, 0.3678, 0.3860

Sweetspot

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



46.4397, 0.2483, 0.3052



89.8344, 0.2911, 0.3224



51.3752, 0.2972, 0.4462



18.9185, 0.2878, 0.3213



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.



46.4397, 0.2483, 0.3052



67.8032, 0.2376, 0.2994



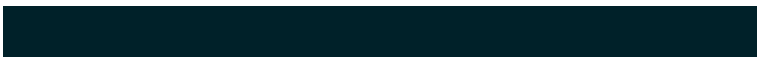
29.0849, 0.2362, 0.2360



13.0318, 0.2983, 0.3247



21.0596, 0.2087, 0.2711



1.2739, 0.2119, 0.2829

Inverse Universe

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



29.8319, 0.3356, 0.2365



39.7846, 0.3418, 0.2195



46.9228, 0.3954, 0.4063



11.9712, 0.3165, 0.3101



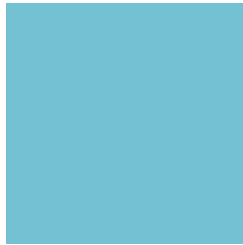
10.1972, 0.3717, 0.1821



0.5799, 0.3608, 0.1761

Previews

White Background



This preview shows how the Yxy color 46.4379, 0.2483, 0.3052 looks on a white background.

Color Contrast Check

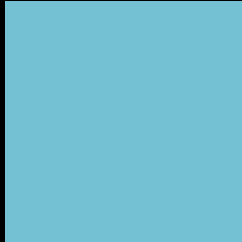
Large Text (above 18pt) WCAG AA × Fail

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 46.4379, 0.2483, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

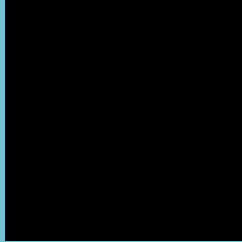
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

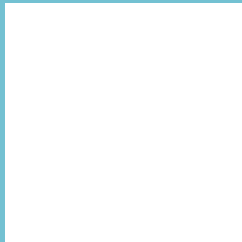
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4379, 0.2483, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 46.4379, 0.2483, 0.3052.

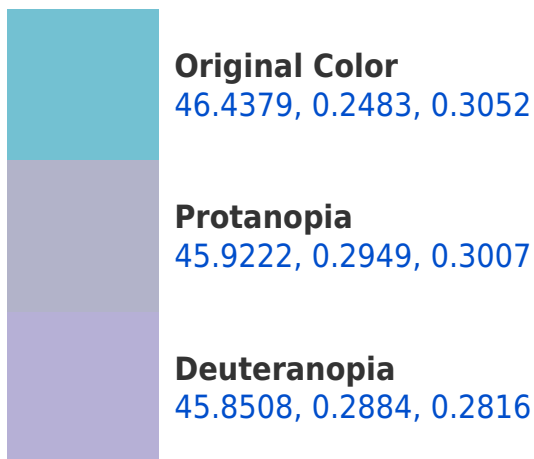


This preview shows how white text looks on a background with the Yxy color 46.4379, 0.2483, 0.3052.

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





Tritanopia

46.3882, 0.2488, 0.3065

Trichromacy



Original Color

46.4379, 0.2483, 0.3052

Protanomaly

45.6092, 0.2754, 0.3022

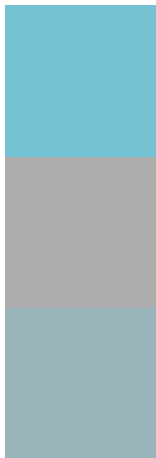
Deuteranomaly

45.5291, 0.2714, 0.2884

Tritanomaly

46.3882, 0.2488, 0.3065

Monochromacy



Original Color

46.4379, 0.2483, 0.3052

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.7670, 0.2844, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4379, 0.2483, 0.3052 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(115, 193, 210)` looks like.

```
.text, #text, p{  
    color:rgb(115, 193, 210)  
}
```

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(115, 193, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 193, 210) }
```

Border

The CSS property to change the border of an element to Yxy 46.4379, 0.2483, 0.3052 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(115, 193, 210) }
```

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

```
.border{ border-color:rgb(115, 193, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 193, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 193, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 193, 210);  
box-shadow:4px 4px 4px 4px rgb(115, 193,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4379, 0.2483, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 193, 210) }
```

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

```
.background{ background-color: rgb(115,  
193, 210) }
```

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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