

Converting Colors

$Yxy(46.2927, 0.2461, 0.3251)$

Have a look what the booklet for
Yxy(46.2927, 0.2461, 0.3251)
contains.

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Color

Yxy(46.1448, 0.2459, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	61C4C7
RGB	97, 196, 199
RGB Percent	38%, 77%, 78%
CMY	0.6201, 0.2313, 0.2196
CMYK	0.51, 0.01, 0.00, 0.22
HSL	182°, 48%, 58%
HSV	182°, 51%, 78%
XYZ	34.9677, 46.1448, 61.0903
YIQ	166.7410, -59.9670, -20.0550

Conversions

Conversions Part 2

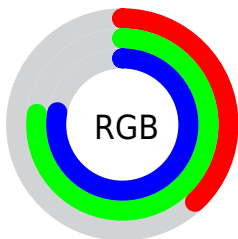
Format	Color
R_{YB}	97, 147, 199
Decimal	6407367
CIE _{Lab}	73.64, -28.10, -10.41
CIE _{LCh}	74, 29.969, 200.316
Yxy	46.1448, 0.2459, 0.3245
Android (android.graphics.Color)	4284597447 (0xFF61C4C7)
YUV	166.7410, 15.9037, -61.1629
Hunter-Lab	67.9300, -26.9927, -5.7693

Details

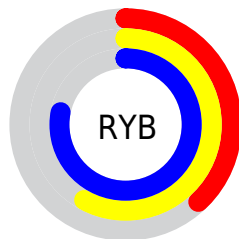
The Yxy color **46.1448, 0.2459, 0.3245** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **22.0875, 0.4563, 0.3332**, and the grayscale version is **38.4406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4391, 0.2580, 0.3266**, and **21.6664, 0.2281, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **44.9280, 0.2375, 0.3235**, and if you desaturate by 10%, it is **47.6402, 0.2561, 0.3255**.

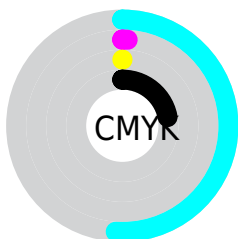
Distribution



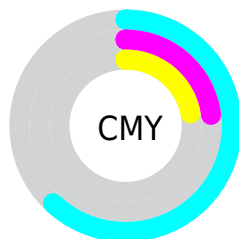
- Red (38%)
- Green (77%)
- Blue (78%)



- Red (38%)
- Yellow (58%)
- Blue (78%)



- Cyan (51%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (62%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1448, 0.2459, 0.3245 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 46.1448, 0.2459, 0.3245 by changing the saturation by 10% instead.

 46.1448, 0.2459,
0.3245


 46.1448, 0.2459,
0.3245

371.3905, 0.2786,
0.3275


 32.3601, 0.2380,
0.3235


 84.4357, 0.2576,
0.3258


 21.6367, 0.2279,
0.3221


 109.7106, 0.2621,
0.3262

 13.5902, 0.2149,
0.3199


 139.5844, 0.2659,
0.3266

 7.8362, 0.1972,
0.3165

 174.4415, 0.2691,
0.3268

 3.9903, 0.1722,
0.3106

214.6663, 0.2720,
0.3271

 1.6681, 0.1341,
0.2987

260.6431, 0.2745,

 0.4029, 0.0000,

0.3273

0.2544

312.7564, 0.2767,
0.3274

0.0000, 0.0000,
0.0000

46.1448, 0.2459,
0.3245

46.1448, 0.2459,
0.3245

44.9280, 0.2375,
0.3235

47.6402, 0.2561,
0.3255

43.9635, 0.2310,
0.3225

49.4275, 0.2680,
0.3264

43.2292, 0.2264,
0.3216

51.5257, 0.2812,
0.3273

42.6966, 0.2236,
0.3206

53.9506, 0.2955,
0.3281

42.3517, 0.2222,
0.3198

56.7169, 0.3107,
0.3289

■ 59.8383, 0.3264,
0.3296

■ 63.3280, 0.3423,
0.3303

■ 66.9943, 0.3573,
0.3308

■ 67.2641, 0.3572,
0.3314

Harmonies

Analogous

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



46.1448, 0.2738, 0.3657



46.1448, 0.2459, 0.3245



46.1448, 0.2353, 0.2883

Triad

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



46.1448, 0.2459, 0.3245



46.1448, 0.3076, 0.2720



46.1448, 0.3853, 0.3900

Complementary

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



46.1448, 0.2459, 0.3245



22.0875, 0.4563, 0.3332

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.



46.1448, 0.3968, 0.3611



46.1448, 0.2459, 0.3245



46.1448, 0.3503, 0.2955

Square

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



46.1448, 0.2459, 0.3245



46.1448, 0.2690, 0.2613



46.1448, 0.3839, 0.3271



46.1448, 0.3543, 0.4045

Rectangle

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



46.1448, 0.2459, 0.3245



46.1448, 0.2386, 0.2718



46.1448, 0.3839, 0.3271



46.1448, 0.3917, 0.3814

Sweetspot

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



46.1466, 0.2459, 0.3245



92.7453, 0.2898, 0.3278



44.2703, 0.3042, 0.4885



19.6569, 0.2867, 0.3276



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.



46.1466, 0.2459, 0.3245



78.3757, 0.2363, 0.3234



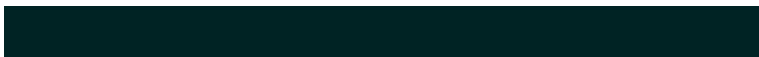
27.2877, 0.2306, 0.2463



12.0125, 0.2984, 0.3283



27.2594, 0.2222, 0.3199



1.3078, 0.2228, 0.3219

Inverse Universe

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



24.6545, 0.3217, 0.2099



36.7181, 0.3237, 0.1892



34.6988, 0.4187, 0.3975



10.8111, 0.3142, 0.3069



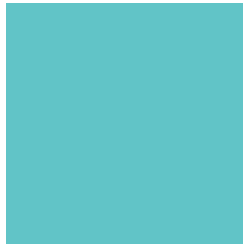
10.2918, 0.3282, 0.1582



0.4890, 0.3266, 0.1573

Previews

White Background



This preview shows how the Yxy color 46.1448, 0.2459, 0.3245 looks on a white background.

Color Contrast Check

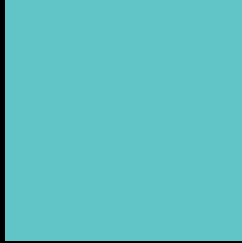
Large Text (above 18pt) WCAG AA × Fail

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 46.1448, 0.2459, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

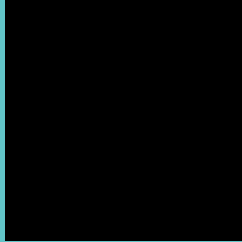
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

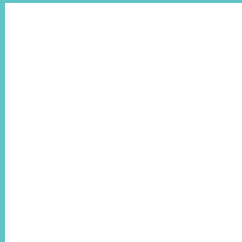
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1448, 0.2459, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 46.1448, 0.2459, 0.3245.

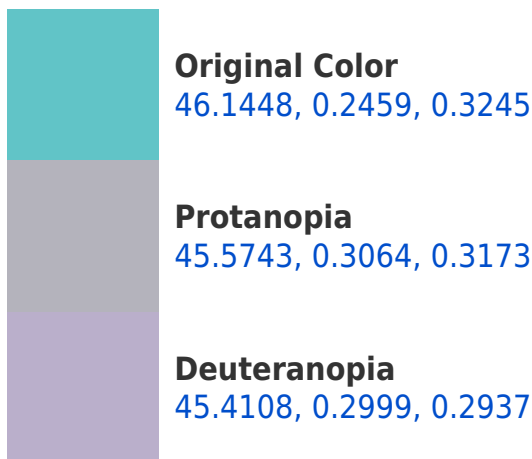


This preview shows how white text looks on a background with the Yxy color 46.1448, 0.2459, 0.3245.

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

46.0034, 0.2416, 0.3062

Trichromacy



Original Color

46.1448, 0.2459, 0.3245

Protanomaly

44.9877, 0.2799, 0.3193

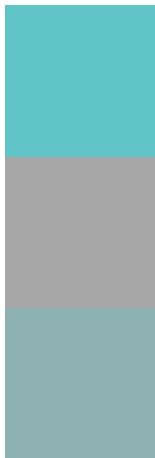
Deuteranomaly

45.0013, 0.2759, 0.3034

Tritanomaly

46.1958, 0.2434, 0.3131

Monochromacy



Original Color

46.1448, 0.2459, 0.3245

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.8462, 0.2823, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1448, 0.2459, 0.3245 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(97, 196, 199)` looks like.

```
.text, #text, p{  
    color:rgb(97, 196, 199)  
}
```

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(97, 196, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 196, 199) }
```

Border

The CSS property to change the border of an element to Yxy 46.1448, 0.2459, 0.3245 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(97, 196, 199) }
```

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

```
.border{ border-color:rgb(97, 196, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 196, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 196, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 196, 199);  
box-shadow:4px 4px 4px 4px rgb(97, 196,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1448, 0.2459, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 196, 199) }
```

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

```
.background{ background-color: rgb(97, 196,  
199) }
```

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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