

Converting Colors

$Yxy(60.7057, 0.2425, 0.3538)$

Have a look what the booklet for
Yxy(60.7057, 0.2425, 0.3538)
contains.

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Color

Yxy(60.4426, 0.2425, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	4BE2D0
RGB	75, 226, 208
RGB Percent	29%, 89%, 82%
CMY	0.7056, 0.1137, 0.1843
CMYK	0.67, 0.00, 0.08, 0.11
HSL	173°, 72%, 59%
HSV	173°, 67%, 89%
XYZ	41.4869, 60.4426, 69.1506
YIQ	178.7990, -84.2180, -37.6100

Conversions

Conversions Part 2

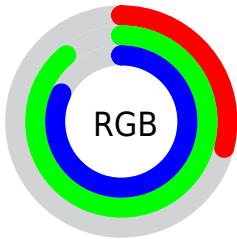
Format	Color
RYB	75, 155, 226
Decimal	4973264
CIELab	82.08, -43.47, -2.81
CIELCh	82, 43.561, 183.702
Yxy	60.4426, 0.2425, 0.3533
Android (android.graphics.Color)	4283163344 (0xFF4BE2D0)
YUV	178.7990, 14.3961, -91.0317
Hunter-Lab	77.7448, -40.8006, 1.6856

Details

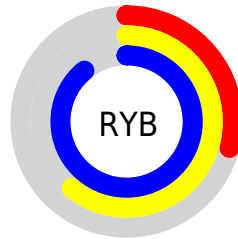
The Yxy color **60.4426, 0.2425, 0.3533** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **22.0037, 0.5080, 0.3117**, and the grayscale version is **44.9349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4027, 0.2524, 0.3288**, and **31.0825, 0.2328, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **59.5571, 0.2383, 0.3575**, and if you desaturate by 10%, it is **61.6586, 0.2487, 0.3492**.

Distribution



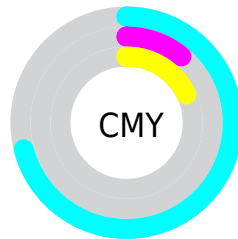
- Red (29%)
- Green (89%)
- Blue (82%)



- Red (29%)
- Yellow (61%)
- Blue (89%)



- Cyan (67%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)





- Cyan (71%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4426, 0.2425, 0.3533 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 60.4426, 0.2425, 0.3533 by changing the saturation by 10% instead.

 60.4426, 0.2425,
0.3533


 60.4426, 0.2425,
0.3533


426.2273, 0.2756,
0.3421

 43.7755, 0.2348,
0.3558


 105.4714, 0.2541,
0.3494

 30.4940, 0.2253,
0.3589


 134.6020, 0.2586,
0.3479

 20.2139, 0.2131,
0.3628

 168.6557, 0.2624,
0.3466

 12.5506, 0.1972,
0.3677

 208.0172, 0.2658,
0.3455

 7.1198, 0.1755,
0.3742

253.0706, 0.2687,
0.3445

 3.5372, 0.1445,
0.3828

304.2005, 0.2713,

 1.4182, 0.0607,

0.3436

0.4102

361.7913, 0.2736,
0.3428

■ 0.2301, 0.0000,
0.3397

■ 0.0000, 0.0000,
0.0000

■ 60.4426, 0.2425,
0.3533

■ 60.4426, 0.2425,
0.3533

■ 59.5571, 0.2383,
0.3575

■ 61.6586, 0.2487,
0.3492

■ 58.9591, 0.2359,
0.3617


■ 63.2290, 0.2568,
0.3451


■ 58.6047, 0.2353,
0.3658


■ 65.1832, 0.2665,
0.3413


■ 58.5172, 0.2353,
0.3671


■ 67.5459, 0.2777,
0.3376

 70.3395, 0.2901,
0.3341

 73.5849, 0.3034,
0.3310

 77.3017, 0.3172,
0.3281

 81.3405, 0.3308,
0.3255

 81.4928, 0.3290,
0.3228

Harmonies

Analogous

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



60.4426, 0.2880, 0.4053



60.4426, 0.2425, 0.3533



60.4426, 0.2167, 0.2983

Triad

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



60.4426, 0.2425, 0.3533



60.4426, 0.2757, 0.2455



60.4426, 0.4209, 0.3873

Complementary

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



60.4426, 0.2425, 0.3533



22.0037, 0.5080, 0.3117

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.



60.4426, 0.4192, 0.3446



60.4426, 0.2425, 0.3533



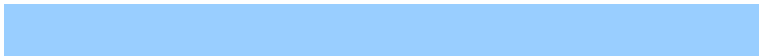
60.4426, 0.3309, 0.2670

Square

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



60.4426, 0.2425, 0.3533



60.4426, 0.2346, 0.2420



60.4426, 0.3851, 0.3021



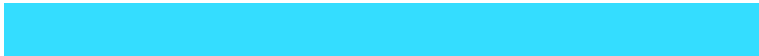
60.4426, 0.3917, 0.4205

Rectangle

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



60.4426, 0.2425, 0.3533



60.4426, 0.2124, 0.2699



60.4426, 0.3851, 0.3021



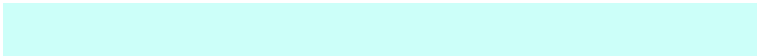
60.4426, 0.4241, 0.3736

Sweetspot

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



60.4449, 0.2425, 0.3533



91.1917, 0.2858, 0.3353



57.3449, 0.3117, 0.5382



19.2956, 0.2823, 0.3362



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.



60.4449, 0.2425, 0.3533



77.9744, 0.2372, 0.3591



35.9886, 0.2156, 0.2493



15.5427, 0.2998, 0.3318



33.3963, 0.2351, 0.3664



2.3229, 0.2334, 0.3601

Inverse Universe

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



22.0037, 0.5080, 0.3117



24.1403, 0.5682, 0.3138



32.7544, 0.4826, 0.3886



13.7270, 0.3273, 0.3262



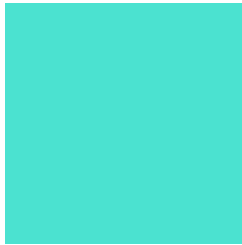
9.2784, 0.6248, 0.3215



0.6520, 0.5919, 0.3035

Previews

White Background



This preview shows how the Yxy color 60.4426, 0.2425, 0.3533 looks on a white background.

Color Contrast Check

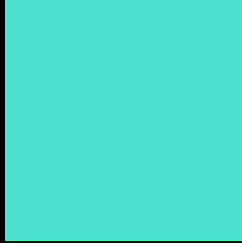
Large Text (above 18pt) WCAG AA × Fail

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 60.4426, 0.2425, 0.3533 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

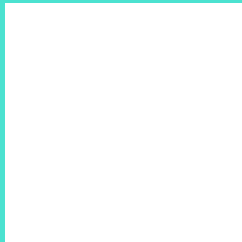
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4426, 0.2425, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 60.4426, 0.2425, 0.3533.

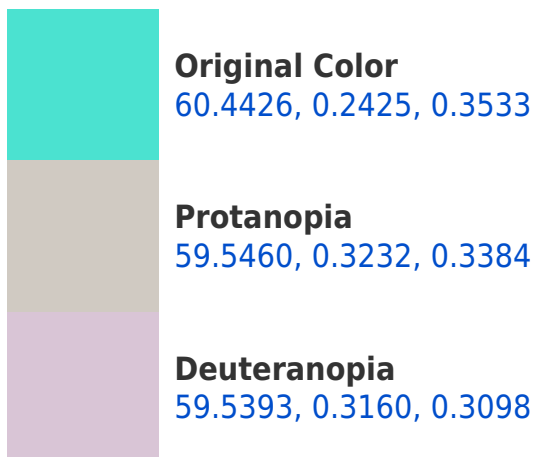


This preview shows how white text looks on a background with the Yxy color 60.4426, 0.2425, 0.3533.

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

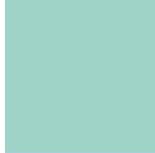
60.1186, 0.2322, 0.3057

Trichromacy



Original Color

60.4426, 0.2425, 0.3533



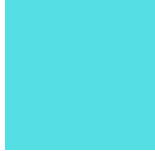
Protanomaly

58.1856, 0.2846, 0.3443



Deuteranomaly

57.8645, 0.2796, 0.3239



Tritanomaly

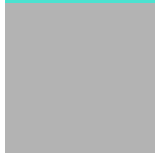
60.3081, 0.2358, 0.3222

Monochromacy



Original Color

60.4426, 0.2425, 0.3533



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

48.8603, 0.2762, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4426, 0.2425, 0.3533 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(75, 226, 208)` looks like.

```
.text, #text, p{  
    color:rgb(75, 226, 208)  
}
```

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(75, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 226, 208) }
```

Border

The CSS property to change the border of an element to Yxy 60.4426, 0.2425, 0.3533 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(75, 226, 208) }
```

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

```
.border{ border-color:rgb(75, 226, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(75, 226,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4426, 0.2425, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 226, 208) }
```

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

```
.background{ background-color: rgb(75, 226,  
208) }
```

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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