

Converting Colors

$Yxy(60.7591, 0.2490, 0.3531)$

Have a look what the booklet for
Yxy(60.7591, 0.2490, 0.3531)
contains.

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Color

Yxy(60.7351, 0.2488, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	5EE1CF
RGB	94, 225, 207
RGB Percent	37%, 88%, 81%
CMY	0.6313, 0.1176, 0.1881
CMYK	0.58, 0.00, 0.08, 0.12
HSL	172°, 69%, 63%
HSV	172°, 58%, 88%
XYZ	42.8071, 60.7351, 68.5119
YIQ	183.7790, -72.2980, -33.3700

Conversions

Conversions Part 2

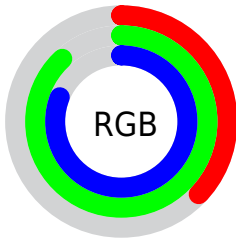
Format	Color
RYB	94, 164, 225
Decimal	6218191
CIELab	82.24, -40.17, -2.01
CIELCh	82, 40.220, 182.864
Yxy	60.7351, 0.2488, 0.3530
Android (android.graphics.Color)	4284408271 (0xFF5EE1CF)
YUV	183.7790, 11.4480, -78.7362
Hunter-Lab	77.9327, -38.3354, 2.4301

Details

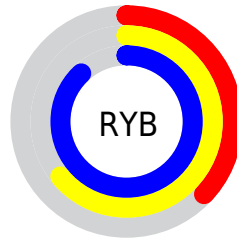
The Yxy color **60.7351, 0.2488, 0.3530** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **25.1866, 0.4668, 0.3096**, and the grayscale version is **47.7747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7086, 0.2583, 0.3288**, and **30.6823, 0.2330, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **59.5664, 0.2430, 0.3578**, and if you desaturate by 10%, it is **62.2581, 0.2565, 0.3483**.

Distribution



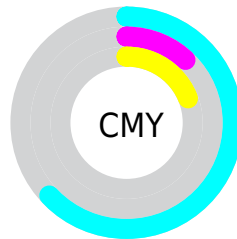
- Red (37%)
- Green (88%)
- Blue (81%)



- Red (37%)
- Yellow (64%)
- Blue (88%)



- Cyan (58%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)





- Cyan (63%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7351, 0.2488, 0.3530 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 60.7351, 0.2488, 0.3530 by changing the saturation by 10% instead.


 60.7351, 0.2488,
0.3530


 60.7351, 0.2488,
0.3530

427.3021, 0.2790,
0.3418

 44.0114, 0.2418,
0.3555


 105.8953, 0.2594,
0.3491


 30.6795, 0.2330,
0.3587


 135.1006, 0.2635,
0.3476

 20.3549, 0.2219,
0.3627


 169.2352, 0.2670,
0.3463

 12.6533, 0.2072,
0.3678

 208.6836, 0.2700,
0.3452

 7.1902, 0.1870,
0.3747

253.8300, 0.2727,
0.3442

 3.5814, 0.1580,
0.3842

305.0590, 0.2750,

 1.4423, 0.0871,

0.3433

0.4095

362.7549, 0.2771,
0.3425

■ 0.2476, 0.0000,
0.3765

■ 0.0000, 0.0000,
0.0000

■ 60.7351, 0.2488,
0.3530

■ 60.7351, 0.2488,
0.3530

■ 59.5664, 0.2430,
0.3578

■ 62.2581, 0.2565,
0.3483

■ 58.7139, 0.2392,
0.3627

■ 64.1556, 0.2658,
0.3438


■ 58.1431, 0.2372,
0.3675

■ 66.4546, 0.2767,
0.3395

■ 57.8017, 0.2370,
0.3723


■ 69.1778, 0.2887,
0.3355

 57.7509, 0.2370,
0.3732

 72.3459, 0.3016,
0.3318

 75.9785, 0.3152,
0.3284

 80.0938, 0.3290,
0.3254

 80.9213, 0.3294,
0.3224

 81.0981, 0.3273,
0.3193

Harmonies

Analogous

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



60.7351, 0.2916, 0.3998



60.7351, 0.2488, 0.3530



60.7351, 0.2240, 0.3024

Triad

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



60.7351, 0.2488, 0.3530



60.7351, 0.2774, 0.2510



60.7351, 0.4130, 0.3826

Complementary

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



60.7351, 0.2488, 0.3530



25.1866, 0.4668, 0.3096

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.



60.7351, 0.4103, 0.3429



60.7351, 0.2488, 0.3530



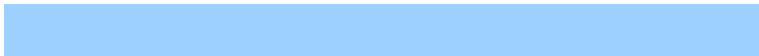
60.7351, 0.3282, 0.2707

Square

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



60.7351, 0.2488, 0.3530



60.7351, 0.2395, 0.2484



60.7351, 0.3782, 0.3032



60.7351, 0.3871, 0.4132

Rectangle

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



60.7351, 0.2488, 0.3530



60.7351, 0.2195, 0.2756



60.7351, 0.3782, 0.3032



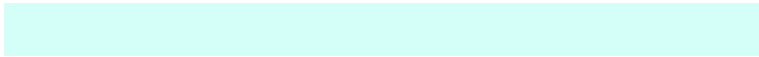
60.7351, 0.4156, 0.3699

Sweetspot

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



60.7375, 0.2488, 0.3530



92.3078, 0.2901, 0.3351



58.2143, 0.3144, 0.5107



19.5882, 0.2876, 0.3358



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.



60.7375, 0.2488, 0.3530



78.8184, 0.2420, 0.3589



40.1205, 0.2266, 0.2646



15.5383, 0.3000, 0.3322



33.2915, 0.2368, 0.3724



2.3166, 0.2347, 0.3650

Inverse Universe

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



25.1866, 0.4668, 0.3096



27.4376, 0.5203, 0.3089



35.5325, 0.4554, 0.3813



13.7310, 0.3271, 0.3258



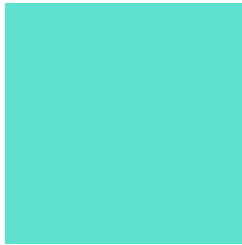
9.2909, 0.6214, 0.3197



0.6539, 0.5855, 0.2999

Previews

White Background



This preview shows how the Yxy color 60.7351, 0.2488, 0.3530 looks on a white background.

Color Contrast Check

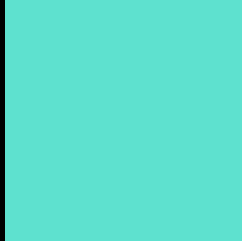
Large Text (above 18pt) WCAG AA × Fail

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 60.7351, 0.2488, 0.3530 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

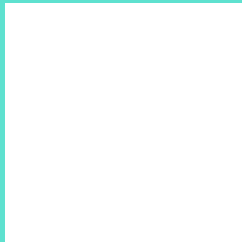
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7351, 0.2488, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 60.7351, 0.2488, 0.3530.

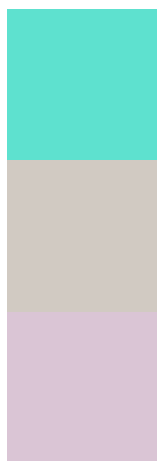


This preview shows how white text looks on a background with the Yxy color 60.7351, 0.2488, 0.3530.

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

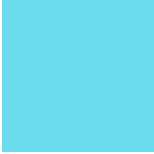
60.7351, 0.2488, 0.3530

Protanopia

59.6914, 0.3240, 0.3384

Deuteranopia

59.6420, 0.3175, 0.3110



Tritanopia

60.4236, 0.2379, 0.3060

Trichromacy



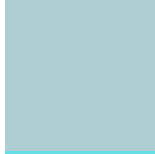
Original Color

60.7351, 0.2488, 0.3530



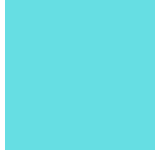
Protanomaly

58.4322, 0.2892, 0.3428



Deuteranomaly

58.2130, 0.2855, 0.3240



Tritanomaly

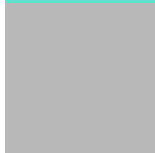
60.6134, 0.2418, 0.3223

Monochromacy



Original Color

60.7351, 0.2488, 0.3530



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

51.2319, 0.2820, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7351, 0.2488, 0.3530 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(94, 225, 207)` looks like.

```
.text, #text, p{  
    color:rgb(94, 225, 207)  
}
```

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(94, 225, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 225, 207) }
```

Border

The CSS property to change the border of an element to Yxy 60.7351, 0.2488, 0.3530 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(94, 225, 207) }
```

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

```
.border{ border-color:rgb(94, 225, 207) }
```

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

Here you see how a box with a 4 pixel rgb(94, 225, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 225, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 225, 207);  
box-shadow:4px 4px 4px 4px rgb(94, 225,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7351, 0.2488, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 225, 207) }
```

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

```
.background{ background-color: rgb(94, 225,  
207) }
```

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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