

Converting Colors

$Yxy(60.7051, 0.2315, 0.3185)$

Have a look what the booklet for
Yxy(60.7051, 0.2315, 0.3185)
contains.

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Color

Yxy(60.5934, 0.2314, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	4AE0E8
RGB	74, 224, 232
RGB Percent	29%, 88%, 91%
CMY	0.7094, 0.1216, 0.0902
CMYK	0.68, 0.03, 0.00, 0.09
HSL	183°, 77%, 60%
HSV	183°, 68%, 91%
XYZ	44.0506, 60.5934, 85.7217
YIQ	180.0620, -91.9680, -29.3120

Conversions

Conversions Part 2

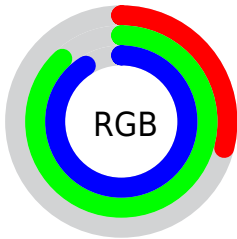
Format	Color
RYB	74, 151, 232
Decimal	4907240
CIELab	82.16, -36.16, -15.43
CIELCh	82, 39.320, 203.111
Yxy	60.5934, 0.2314, 0.3183
Android (android.graphics.Color)	4283097320 (0xFF4AE0E8)
YUV	180.0620, 25.6054, -93.0164
Hunter-Lab	77.8418, -35.2100, -10.8027

Details

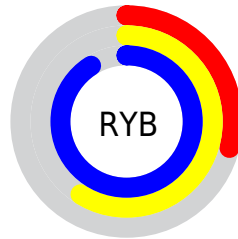
The Yxy color **60.5934, 0.2314, 0.3183** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **23.7029, 0.5338, 0.3370**, and the grayscale version is **45.5886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4908, 0.2528, 0.3288**, and **31.1399, 0.2208, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **59.2067, 0.2260, 0.3166**, and if you desaturate by 10%, it is **62.3285, 0.2388, 0.3200**.

Distribution



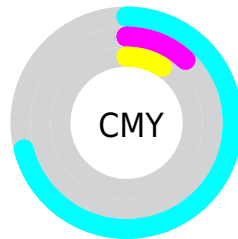
- Red (29%)
- Green (88%)
- Blue (91%)



- Red (29%)
- Yellow (59%)
- Blue (91%)



- Cyan (68%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)




- Cyan (71%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5934, 0.2314, 0.3183 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 60.5934, 0.2314, 0.3183 by changing the saturation by 10% instead.


 60.5934, 0.2314,
0.3183


 60.5934, 0.2314,
0.3183

426.7816, 0.2691,
0.3246


 43.8971, 0.2229,
0.3165


 105.6900, 0.2444,
0.3208


 30.5896, 0.2124,
0.3141


 134.8591, 0.2495,
0.3216

 20.2866, 0.1992,
0.3108


 168.9546, 0.2539,
0.3224

 12.6035, 0.1822,
0.3059


 208.3608, 0.2577,
0.3230

 7.1561, 0.1597,
0.2984

253.4623, 0.2611,
0.3235

 3.5599, 0.1289,
0.2857

304.6433, 0.2640,

 1.4306, 0.0736,

0.3239

0.2653

362.2882, 0.2667,
0.3243

■ 0.2391, 0.0000,
0.1468

■ 0.0000, 0.0000,
0.0000

■ 60.5934, 0.2314,
0.3183

■ 60.5934, 0.2314,
0.3183

■ 59.2067, 0.2260,
0.3166

■ 62.3285, 0.2388,
0.3200

■ 58.1222, 0.2225,
0.3149


■ 64.4386, 0.2480,
0.3217


■ 57.2870, 0.2205,
0.3132

■ 66.9555, 0.2590,
0.3234


■ 57.1382, 0.2203,
0.3129


■ 69.9058, 0.2716,
0.3250

 73.3136, 0.2854,
0.3265

 77.2014, 0.3003,
0.3279

 81.5902, 0.3158,
0.3292

 85.5975, 0.3284,
0.3304

 86.2676, 0.3282,
0.3316

Harmonies

Analogous

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



60.5934, 0.2622, 0.3688



60.5934, 0.2314, 0.3183



60.5934, 0.2213, 0.2766

Triad

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



60.5934, 0.2314, 0.3183



60.5934, 0.3110, 0.2639



60.5934, 0.3965, 0.4035

Complementary

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



60.5934, 0.2314, 0.3183



23.7029, 0.5338, 0.3370

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.



60.5934, 0.4133, 0.3695



60.5934, 0.2314, 0.3183



60.5934, 0.3620, 0.2923

Square

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



60.5934, 0.2314, 0.3183



60.5934, 0.2643, 0.2497



60.5934, 0.4008, 0.3297



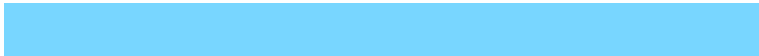
60.5934, 0.3573, 0.4202

Rectangle

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



60.5934, 0.2314, 0.3183



60.5934, 0.2266, 0.2588



60.5934, 0.4008, 0.3297



60.5934, 0.4051, 0.3934

Sweetspot

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



60.5957, 0.2314, 0.3183



89.9379, 0.2825, 0.3262



59.7855, 0.2998, 0.5397



18.9896, 0.2786, 0.3258



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.



60.5957, 0.2314, 0.3183



72.7371, 0.2242, 0.3158



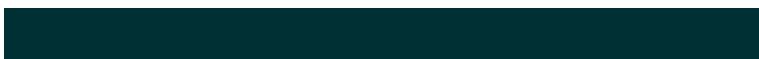
27.5843, 0.2035, 0.2038



16.2045, 0.2982, 0.3278



31.7766, 0.2203, 0.3132



2.3869, 0.2210, 0.3156

Inverse Universe

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



27.4487, 0.3282, 0.1832



29.7618, 0.3312, 0.1682



43.1235, 0.4601, 0.4199



14.6019, 0.3146, 0.3070



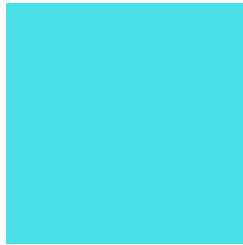
12.4056, 0.3340, 0.1614



0.9206, 0.3319, 0.1602

Previews

White Background



This preview shows how the Yxy color 60.5934, 0.2314, 0.3183 looks on a white background.

Color Contrast Check

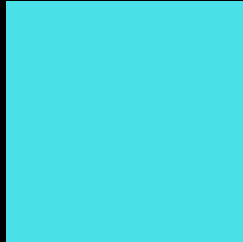
Large Text (above 18pt) WCAG AA × Fail

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 60.5934, 0.2314, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

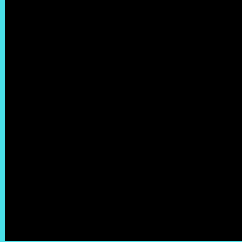
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5934, 0.2314, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 60.5934, 0.2314, 0.3183.

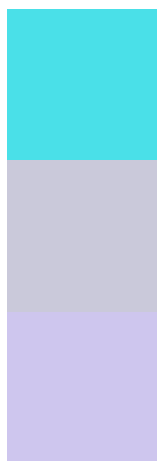


This preview shows how white text looks on a background with the Yxy color 60.5934, 0.2314, 0.3183.

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

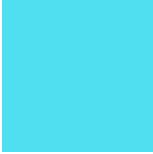
60.5934, 0.2314, 0.3183

Protanopia

59.3918, 0.3015, 0.3093

Deuteranopia

59.6830, 0.2909, 0.2843



Tritanopia

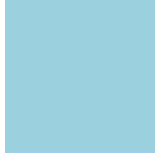
60.7885, 0.2288, 0.3057

Trichromacy



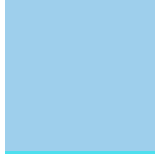
Original Color

60.5934, 0.2314, 0.3183



Protanomaly

57.8972, 0.2670, 0.3114



Deuteranomaly

57.9509, 0.2613, 0.2937



Tritanomaly

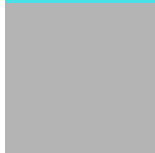
60.5262, 0.2294, 0.3094

Monochromacy



Original Color

60.5934, 0.2314, 0.3183



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

49.2661, 0.2705, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5934, 0.2314, 0.3183 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(74, 224, 232)` looks like.

```
.text, #text, p{  
  color:rgb(74, 224, 232)  
}
```

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(74, 224, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 224, 232) }
```

Border

The CSS property to change the border of an element to Yxy 60.5934, 0.2314, 0.3183 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(74, 224, 232) }
```

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

```
.border{ border-color:rgb(74, 224, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 224, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 224, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 224, 232);  
box-shadow:4px 4px 4px 4px rgb(74, 224,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5934, 0.2314, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 224, 232) }
```

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

```
.background{ background-color: rgb(74, 224,  
232) }
```

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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