

Converting Colors

$Y_{xy}(53.3289, 0.2572, 0.3239)$

Have a look what the booklet for
Yxy(53.3289, 0.2572, 0.3239)
contains.

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Color

Yxy(53.2314, 0.2571, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	7ECED2
RGB	126, 206, 210
RGB Percent	49%, 81%, 82%
CMY	0.5059, 0.1921, 0.1765
CMYK	0.40, 0.02, 0.00, 0.18
HSL	183°, 48%, 66%
HSV	183°, 40%, 82%
XYZ	42.3054, 53.2314, 69.0116
YIQ	182.5360, -48.9640, -15.7160

Conversions

Conversions Part 2

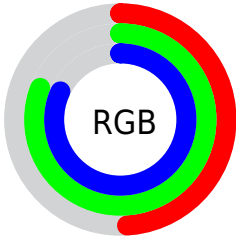
Format	Color
RYB	126, 167, 210
Decimal	8310482
CIELab	78.01, -23.46, -9.71
CIELCh	78, 25.392, 202.480
Yxy	53.2314, 0.2571, 0.3235
Android (android.graphics.Color)	4286500562 (0xFF7ECED2)
YUV	182.5360, 13.5398, -49.5821
Hunter-Lab	72.9599, -24.1775, -5.0096

Details

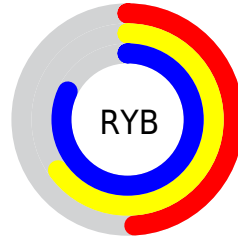
The Yxy color **53.2314, 0.2571, 0.3235** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.1636, 0.4111, 0.3343**, and the grayscale version is **47.0303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **25.8356, 0.2424, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **51.3233, 0.2465, 0.3219**, and if you desaturate by 10%, it is **55.4817, 0.2693, 0.3250**.

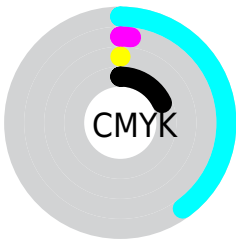
Distribution



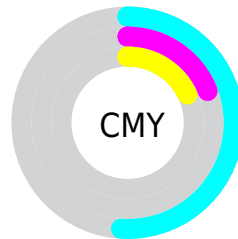
- Red (49%)
- Green (81%)
- Blue (82%)



- Red (49%)
- Yellow (65%)
- Blue (82%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)





- Cyan (51%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2314, 0.2571, 0.3235 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 53.2314, 0.2571, 0.3235 by changing the saturation by 10% instead.


 53.2314, 0.2571,
0.3235


 53.2314, 0.2571,
0.3235


399.1723, 0.2838,
0.3267


 37.9875, 0.2508,
0.3226


 94.9448, 0.2666,
0.3248

 25.9730, 0.2428,
0.3213


 122.1831, 0.2702,
0.3252

 16.8034, 0.2326,
0.3195


 154.1883, 0.2733,
0.3256

 10.0945, 0.2189,
0.3167

191.3449, 0.2760,
0.3259

 5.4616, 0.1997,
0.3123

234.0372, 0.2783,
0.3262

 2.5206, 0.1713,
0.3042

282.6496, 0.2803,

 0.8869, 0.0909,

0.3264

0.2982

337.5665, 0.2822,
0.3266

0.0000, 0.0000,
0.0000

53.2314, 0.2571,
0.3235

53.2314, 0.2571,
0.3235

51.3233, 0.2465,
0.3219

55.4817, 0.2693,
0.3250

49.7301, 0.2376,
0.3204

58.0873, 0.2829,
0.3264

48.4302, 0.2306,
0.3187


61.0681, 0.2974,
0.3278


47.3969, 0.2256,
0.3171


64.4407, 0.3127,
0.3290


46.5982, 0.2224,
0.3156

68.2209, 0.3284,
0.3301

 45.9762, 0.2206,
0.3140

 72.4232, 0.3443,
0.3311

 73.4909, 0.3465,
0.3321

 73.9935, 0.3463,
0.3332

 74.4991, 0.3461,
0.3342

Harmonies

Analogous

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



53.2314, 0.2793, 0.3562



53.2314, 0.2571, 0.3235



53.2314, 0.2493, 0.2947

Triad

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



53.2314, 0.2571, 0.3235



53.2314, 0.3114, 0.2832



53.2314, 0.3703, 0.3802

Complementary

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



53.2314, 0.2571, 0.3235



31.1636, 0.4111, 0.3343

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.



53.2314, 0.3805, 0.3578



53.2314, 0.2571, 0.3235



53.2314, 0.3455, 0.3034

Square

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



53.2314, 0.2571, 0.3235



53.2314, 0.2793, 0.2737



53.2314, 0.3714, 0.3300



53.2314, 0.3446, 0.3899

Rectangle

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



53.2314, 0.2571, 0.3235



53.2314, 0.2528, 0.2816



53.2314, 0.3714, 0.3300



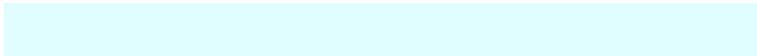
53.2314, 0.3757, 0.3738

Sweetspot

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



53.2335, 0.2571, 0.3235



93.7288, 0.2942, 0.3275



52.1030, 0.3053, 0.4470



19.9273, 0.2923, 0.3273



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.



53.2335, 0.2571, 0.3235



80.0458, 0.2479, 0.3222



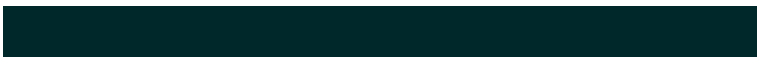
36.0655, 0.2481, 0.2653



13.3069, 0.2983, 0.3278



28.0902, 0.2206, 0.3143



1.6009, 0.2214, 0.3171

Inverse Universe

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



33.0750, 0.3212, 0.2352



44.7774, 0.3232, 0.2170



44.2525, 0.3900, 0.3847



11.9990, 0.3145, 0.3072



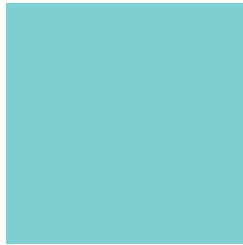
10.9070, 0.3331, 0.1608



0.6129, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 53.2314, 0.2571, 0.3235 looks on a white background.

Color Contrast Check

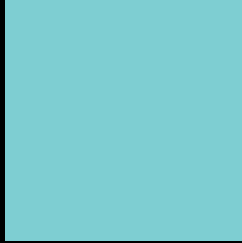
Large Text (above 18pt) WCAG AA × Fail

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 53.2314, 0.2571, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

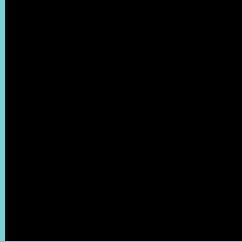
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2314, 0.2571, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 53.2314, 0.2571, 0.3235.

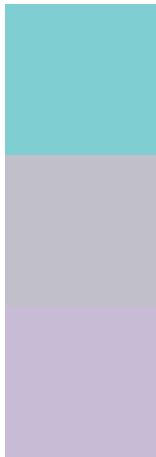


This preview shows how white text looks on a background with the Yxy color 53.2314, 0.2571, 0.3235.

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

53.2314, 0.2571, 0.3235

Protanopia

52.8161, 0.3069, 0.3168

Deuteranopia

52.6750, 0.3029, 0.2970



Tritanopia

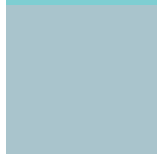
53.0733, 0.2524, 0.3066

Trichromacy



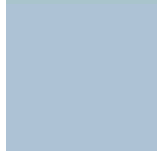
Original Color

53.2314, 0.2571, 0.3235



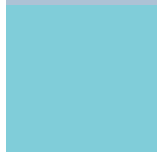
Protanomaly

52.2745, 0.2866, 0.3187



Deuteranomaly

52.2719, 0.2834, 0.3052



Tritanomaly

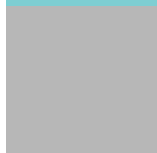
53.2616, 0.2542, 0.3130

Monochromacy



Original Color

53.2314, 0.2571, 0.3235



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

48.7932, 0.2886, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2314, 0.2571, 0.3235 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(126, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(126, 206, 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(126, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 206, 210) }
```

Border

The CSS property to change the border of an element to Yxy 53.2314, 0.2571, 0.3235 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(126, 206, 210) }
```

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

```
.border{ border-color:rgb(126, 206, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 206, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(126, 206,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2314, 0.2571, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 206, 210) }
```

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

```
.background{ background-color: rgb(126,  
206, 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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