

Converting Colors

$Yxy(52.4856, 0.2600, 0.3235)$

Have a look what the booklet for
Yxy(52.4856, 0.2600, 0.3235)
contains.

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Color

Yxy(52.4856, 0.2600, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	82CCD0
RGB	130, 204, 208
RGB Percent	51%, 80%, 82%
CMY	0.4902, 0.2000, 0.1844
CMYK	0.37, 0.02, 0.00, 0.18
HSL	183°, 45%, 66%
HSV	183°, 37%, 82%
XYZ	42.1832, 52.4856, 67.5742
YIQ	182.3300, -45.3880, -14.4440

Conversions

Conversions Part 2

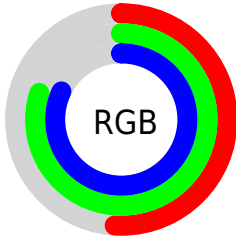
Format	Color
RYB	130, 168, 208
Decimal	8572112
CIELab	77.57, -21.93, -9.27
CIELCh	78, 23.808, 202.911
Yxy	52.4856, 0.2600, 0.3235
Android (android.graphics.Color)	4286762192 (0xFF82CCD0)
YUV	182.3300, 12.6553, -45.8934
Hunter-Lab	72.4469, -22.8482, -4.5893

Details

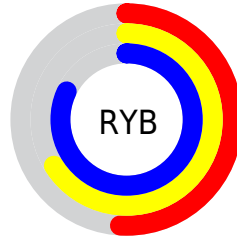
The Yxy color **52.4856, 0.2600, 0.3235** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.0683, 0.4021, 0.3344**, and the grayscale version is **46.9179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1791, 0.2731, 0.3289**, and **25.6416, 0.2462, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **50.5021, 0.2489, 0.3218**, and if you desaturate by 10%, it is **54.8091, 0.2726, 0.3251**.

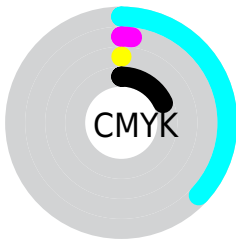
Distribution



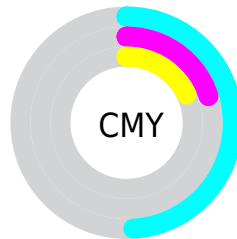
- Red (51%)
- Green (80%)
- Blue (82%)



- Red (51%)
- Yellow (66%)
- Blue (82%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)





- Cyan (49%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4856, 0.2600, 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 52.4856, 0.2600, 0.3235 by changing the saturation by 10% instead.


 52.4856, 0.2600,
0.3235

 52.4856, 0.2600,
0.3235


396.3084, 0.2854,
0.3267


 37.3923, 0.2539,
0.3226


 93.8470, 0.2690,
0.3248

 25.5114, 0.2463,
0.3213


 120.8839, 0.2725,
0.3252

 16.4584, 0.2365,
0.3196


 152.6707, 0.2754,
0.3256

 9.8491, 0.2233,
0.3169

189.5920, 0.2780,
0.3259

 5.2990, 0.2047,
0.3126

232.0319, 0.2802,
0.3261

 2.4238, 0.1770,
0.3048

280.3751, 0.2821,

 0.8381, 0.0936,

0.3263

0.3003

335.0058, 0.2839,
0.3265

0.0000, 0.0000,
0.0000

52.4856, 0.2600,
0.3235

52.4856, 0.2600,
0.3235

50.5021, 0.2489,
0.3218

54.8091, 0.2726,
0.3251

48.8323, 0.2395,
0.3201

57.4848, 0.2864,
0.3266

47.4559, 0.2320,
0.3184

60.5320, 0.3012,
0.3280

46.3475, 0.2265,
0.3167

63.9666, 0.3166,
0.3293

45.4775, 0.2227,
0.3150

67.8037, 0.3324,
0.3305

■ 44.8050, 0.2207,
0.3133

■ 72.0576, 0.3483,
0.3315

■ 44.6499, 0.2202,
0.3129

■ 72.6232, 0.3482,
0.3326

■ 73.1546, 0.3480,
0.3337

■ 73.6894, 0.3478,
0.3348

Harmonies

Analogous

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



52.4856, 0.2809, 0.3542



52.4856, 0.2600, 0.3235



52.4856, 0.2528, 0.2965

Triad

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



52.4856, 0.2600, 0.3235



52.4856, 0.3120, 0.2859



52.4856, 0.3668, 0.3776

Complementary

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



52.4856, 0.2600, 0.3235



32.0683, 0.4021, 0.3344

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.



52.4856, 0.3766, 0.3567



52.4856, 0.2600, 0.3235



52.4856, 0.3441, 0.3052

Square

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



52.4856, 0.2600, 0.3235



52.4856, 0.2816, 0.2767



52.4856, 0.3682, 0.3305



52.4856, 0.3424, 0.3863

Rectangle

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



52.4856, 0.2600, 0.3235



52.4856, 0.2562, 0.2841



52.4856, 0.3682, 0.3305



52.4856, 0.3719, 0.3716

Sweetspot

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



52.4877, 0.2600, 0.3235



94.1516, 0.2957, 0.3275



51.5716, 0.3050, 0.4363



20.0093, 0.2937, 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.



52.4877, 0.2600, 0.3235



80.6526, 0.2510, 0.3222



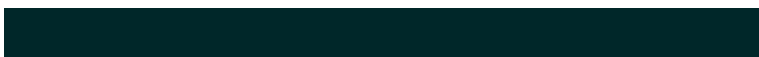
36.2460, 0.2520, 0.2681



13.2992, 0.2983, 0.3278



27.8758, 0.2203, 0.3131



1.5911, 0.2212, 0.3162

Inverse Universe

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



33.7353, 0.3209, 0.2411



46.9374, 0.3228, 0.2236



44.8680, 0.3835, 0.3827



11.9982, 0.3146, 0.3072



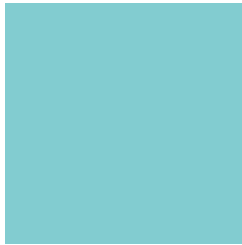
10.8854, 0.3340, 0.1614



0.6119, 0.3314, 0.1599

Previews

White Background



This preview shows how the Yxy color 52.4856, 0.2600, 0.3235 looks on a white background.

Color Contrast Check

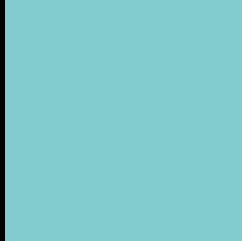
Large Text (above 18pt) WCAG AA × Fail

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 52.4856, 0.2600, 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

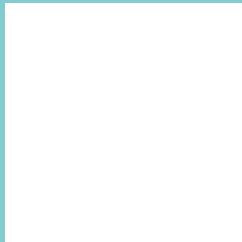
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4856, 0.2600, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 52.4856, 0.2600, 0.3235.

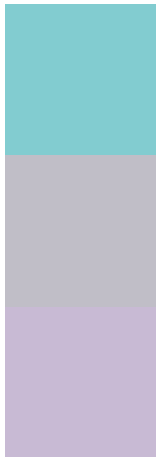


This preview shows how white text looks on a background with the Yxy color 52.4856, 0.2600, 0.3235.

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

52.4856, 0.2600, 0.3235

Protanopia

52.1569, 0.3076, 0.3179

Deuteranopia

52.1506, 0.3044, 0.2981



Tritanopia

52.3421, 0.2552, 0.3066

Trichromacy



Original Color

52.4856, 0.2600, 0.3235

Protanomaly

51.7295, 0.2878, 0.3200

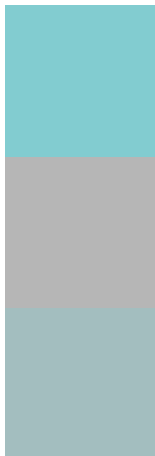
Deuteranomaly

51.9570, 0.2861, 0.3064

Tritanomaly

52.5237, 0.2571, 0.3130

Monochromacy



Original Color

52.4856, 0.2600, 0.3235

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.3750, 0.2907, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4856, 0.2600, 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(130, 204, 208)` looks like.

```
.text, #text, p{  
    color:rgb(130, 204, 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(130, 204, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 204, 208) }
```

Border

The CSS property to change the border of an element to Yxy 52.4856, 0.2600, 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(130, 204, 208) }
```

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

```
.border{ border-color:rgb(130, 204, 208) }
```

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

Here you see how a box with a 4 pixel rgb(130, 204, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 204, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 204, 208);  
box-shadow:4px 4px 4px 4px rgb(130, 204,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4856, 0.2600, 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(130, 204, 208) }
```

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

```
.background{ background-color: rgb(130,  
204, 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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