

Converting Colors

$Y_{xy}(51.8590, 0.2591, 0.3272)$

Have a look what the booklet for
Yxy(51.8590, 0.2591, 0.3272)
contains.

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Color

Yxy(51.9535, 0.2589, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	7DCCCD
RGB	125, 204, 205
RGB Percent	49%, 80%, 80%
CMY	0.5097, 0.2000, 0.1961
CMYK	0.39, 0.00, 0.00, 0.20
HSL	181°, 44%, 65%
HSV	181°, 39%, 80%
XYZ	41.0710, 51.9535, 65.6121
YIQ	180.4930, -47.4050, -16.4370

Conversions

Conversions Part 2

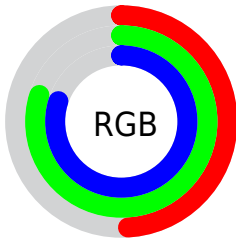
Format	Color
RYB	125, 165, 205
Decimal	8244429
CIELab	77.25, -23.94, -8.15
CIElCh	77, 25.292, 198.794
Yxy	51.9535, 0.2589, 0.3275
Android (android.graphics.Color)	4286434509 (0xFF7DCCCD)
YUV	180.4930, 12.0820, -48.6674
Hunter-Lab	72.0788, -24.4272, -3.5156

Details

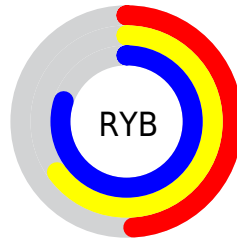
The Yxy color **51.9535, 0.2589, 0.3275** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.3840, 0.4088, 0.3306**, and the grayscale version is **45.8772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **25.3123, 0.2447, 0.3269** is the 20% darker color. If you saturate the color by 10%, you get **50.4482, 0.2485, 0.3271**, and if you desaturate by 10%, it is **53.7815, 0.2710, 0.3279**.

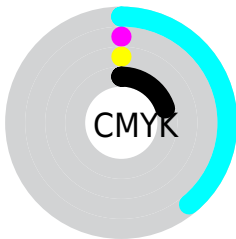
Distribution



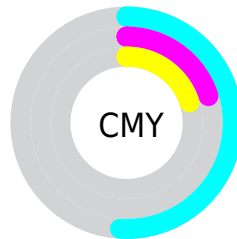
- Red (49%)
- Green (80%)
- Blue (80%)



- Red (49%)
- Yellow (65%)
- Blue (80%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)





- Cyan (51%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9535, 0.2589, 0.3275 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 51.9535, 0.2589, 0.3275 by changing the saturation by 10% instead.


 51.9535, 0.2589,
0.3275


 51.9535, 0.2589,
0.3275


394.2571, 0.2849,
0.3287

 36.9680, 0.2527,
0.3271


 93.0627, 0.2681,
0.3281

 25.1827, 0.2449,
0.3264


 119.9551, 0.2717,
0.3282

 16.2132, 0.2348,
0.3254

 151.5854, 0.2747,
0.3284

 9.6752, 0.2212,
0.3238

188.3378, 0.2773,
0.3285

 5.1841, 0.2020,
0.3210

230.5968, 0.2796,
0.3286

 2.3557, 0.1732,
0.3153

278.7467, 0.2815,

 0.8030, 0.0712,

0.3286

0.3200

333.1720, 0.2833,
0.3287

0.0000, 0.0000,
0.0000

51.9535, 0.2589,
0.3275

51.9535, 0.2589,
0.3275

50.4482, 0.2485,
0.3271

53.7815, 0.2710,
0.3279

49.2397, 0.2398,
0.3267

55.9440, 0.2844,
0.3283

48.3081, 0.2331,
0.3262


58.4598, 0.2989,
0.3287

47.6286, 0.2283,
0.3258


61.3445, 0.3143,
0.3290

47.1717, 0.2253,
0.3254


64.6127, 0.3301,
0.3294


 46.8890, 0.2237,
0.3250

 68.2783, 0.3461,
0.3297

 46.8641, 0.2236,
0.3250

 69.6996, 0.3516,
0.3299

 69.8213, 0.3515,
0.3302

 69.9431, 0.3515,
0.3304

Harmonies

Analogous

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



51.9535, 0.2827, 0.3601



51.9535, 0.2589, 0.3275



51.9535, 0.2491, 0.2976

Triad

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



51.9535, 0.2589, 0.3275



51.9535, 0.3071, 0.2812



51.9535, 0.3728, 0.3782

Complementary

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



51.9535, 0.2589, 0.3275



29.3840, 0.4088, 0.3306

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.



51.9535, 0.3807, 0.3546



51.9535, 0.2589, 0.3275



51.9535, 0.3417, 0.3004

Square

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



51.9535, 0.2589, 0.3275



51.9535, 0.2757, 0.2732



51.9535, 0.3692, 0.3266



51.9535, 0.3485, 0.3899

Rectangle

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



51.9535, 0.2589, 0.3275



51.9535, 0.2514, 0.2834



51.9535, 0.3692, 0.3266



51.9535, 0.3775, 0.3713

Sweetspot

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



51.9555, 0.2589, 0.3275



94.4107, 0.2943, 0.3286



49.5001, 0.3072, 0.4473



20.0891, 0.2923, 0.3285



0.0000, 0.0000, 0.0000



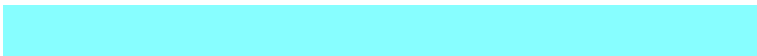
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.9555, 0.2589, 0.3275



82.9638, 0.2498, 0.3271



35.6822, 0.2504, 0.2713



12.7024, 0.2984, 0.3287



29.1897, 0.2236, 0.3250



1.5136, 0.2238, 0.3258

Inverse Universe

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



32.0113, 0.3182, 0.2346



45.7550, 0.3193, 0.2157



41.3717, 0.3888, 0.3800



11.4013, 0.3140, 0.3064



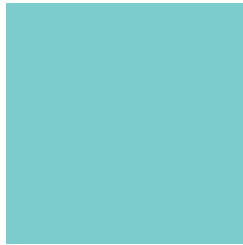
10.7497, 0.3240, 0.1558



0.5554, 0.3233, 0.1555

Previews

White Background



This preview shows how the Yxy color 51.9535, 0.2589, 0.3275 looks on a white background.

Color Contrast Check

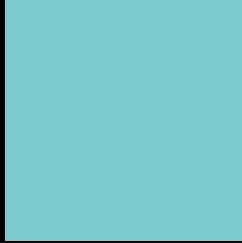
Large Text (above 18pt) WCAG AA × Fail

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 51.9535, 0.2589, 0.3275 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

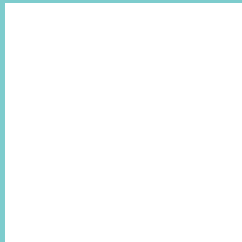
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9535, 0.2589, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 51.9535, 0.2589, 0.3275.



This preview shows how white text looks on a background with the Yxy color 51.9535, 0.2589, 0.3275.

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

51.9535, 0.2589, 0.3275

Protanopia

51.4571, 0.3091, 0.3203

Deuteranopia

51.4435, 0.3059, 0.3002



Tritanopia

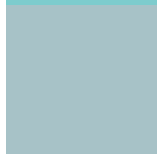
51.9701, 0.2536, 0.3077

Trichromacy



Original Color

51.9535, 0.2589, 0.3275



Protanomaly

50.9226, 0.2884, 0.3225



Deuteranomaly

51.0240, 0.2858, 0.3087



Tritanomaly

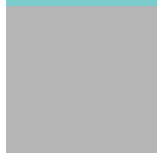
52.1052, 0.2559, 0.3155

Monochromacy



Original Color

51.9535, 0.2589, 0.3275



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

47.6900, 0.2898, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9535, 0.2589, 0.3275 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(125, 204, 205)` looks like.

```
.text, #text, p{  
    color:rgb(125, 204, 205)  
}
```

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(125, 204, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 204, 205) }
```

Border

The CSS property to change the border of an element to Yxy 51.9535, 0.2589, 0.3275 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(125, 204, 205) }
```

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

```
.border{ border-color:rgb(125, 204, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 204, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 204, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 204, 205); box-shadow:4px 4px 4px 4px rgb(125, 204, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9535, 0.2589, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 204, 205) }
```

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

```
.background{ background-color: rgb(125,  
204, 205) }
```

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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