

Converting Colors

$Yxy(57.9794, 0.2411, 0.3235)$

Have a look what the booklet for
Yxy(57.9794, 0.2411, 0.3235)
contains.

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Color

Yxy(57.9581, 0.2410, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	61DADE
RGB	97, 218, 222
RGB Percent	38%, 85%, 87%
CMY	0.6200, 0.1450, 0.1294
CMYK	0.56, 0.02, 0.00, 0.13
HSL	182°, 65%, 63%
HSV	182°, 56%, 87%
XYZ	43.1774, 57.9581, 78.0240
YIQ	182.2770, -73.4000, -24.4080

Conversions

Conversions Part 2

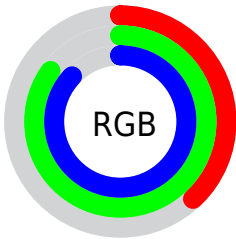
Format	Color
RYB	97, 158, 222
Decimal	6413022
CIELab	80.72, -32.51, -12.22
CIELCh	81, 34.734, 200.601
Yxy	57.9581, 0.2410, 0.3235
Android (android.graphics.Color)	4284603102 (0xFF61DADE)
YUV	182.2770, 19.5834, -74.7879
Hunter-Lab	76.1302, -31.9912, -7.4737

Details

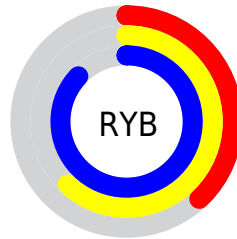
The Yxy color **57.9581, 0.2410, 0.3235** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.6764, 0.4802, 0.3339**, and the grayscale version is **46.8450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0091, 0.2596, 0.3288**, and **29.0700, 0.2238, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **56.5415, 0.2335, 0.3224**, and if you desaturate by 10%, it is **59.7217, 0.2504, 0.3246**.

Distribution



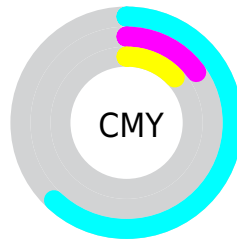
- Red (38%)
- Green (85%)
- Blue (87%)



- Red (38%)
- Yellow (62%)
- Blue (87%)



- Cyan (56%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)





- Cyan (62%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9581, 0.2410, 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 57.9581, 0.2410, 0.3235 by changing the saturation by 10% instead.


 57.9581, 0.2410,
0.3235


 57.9581, 0.2410,
0.3235


417.0298, 0.2747,
0.3271


 41.7750, 0.2332,
0.3224

 101.8618, 0.2528,
0.3250


 28.9251, 0.2236,
0.3209


 130.3512, 0.2573,
0.3255

 19.0242, 0.2114,
0.3188


 163.7115, 0.2612,
0.3259

 11.6878, 0.1954,
0.3155

 202.3270, 0.2646,
0.3262

 6.5314, 0.1738,
0.3102

246.5822, 0.2676,
0.3265

 3.1708, 0.1434,
0.3007

296.8615, 0.2702,

 1.2216, 0.0785,

0.3267

0.2874

353.5492, 0.2726,
0.3269

■ 0.0792, 0.0000,
0.0777

■ 0.0000, 0.0000,
0.0000

■ 57.9581, 0.2410,
0.3235

■ 57.9581, 0.2410,
0.3235

■ 56.5415, 0.2335,
0.3224

■ 59.7217, 0.2504,
0.3246

■ 55.4361, 0.2280,
0.3213


■ 61.8516, 0.2615,
0.3256

■ 54.6097, 0.2244,
0.3203

■ 64.3734, 0.2741,
0.3266

■ 54.0194, 0.2224,
0.3192

■ 67.3086, 0.2880,
0.3276

 53.8358, 0.2219,
0.3189

 70.6771, 0.3029,
0.3285

 74.4975, 0.3184,
0.3293

 78.7873, 0.3344,
0.3300

 79.6763, 0.3362,
0.3307

 80.0573, 0.3361,
0.3315

Harmonies

Analogous

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



57.9581, 0.2705, 0.3682



57.9581, 0.2410, 0.3235



57.9581, 0.2300, 0.2848

Triad

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



57.9581, 0.2410, 0.3235



57.9581, 0.3076, 0.2684



57.9581, 0.3903, 0.3943

Complementary

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



57.9581, 0.2410, 0.3235



25.6764, 0.4802, 0.3339

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.



57.9581, 0.4030, 0.3633



57.9581, 0.2410, 0.3235



57.9581, 0.3534, 0.2934

Square

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



57.9581, 0.2410, 0.3235



57.9581, 0.2662, 0.2568



57.9581, 0.3895, 0.3271



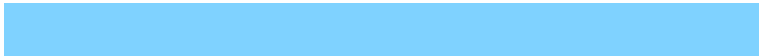
57.9581, 0.3567, 0.4103

Rectangle

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



57.9581, 0.2410, 0.3235



57.9581, 0.2337, 0.2675



57.9581, 0.3895, 0.3271



57.9581, 0.3973, 0.3851

Sweetspot

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



57.9603, 0.2410, 0.3235



91.8054, 0.2869, 0.3275



55.6830, 0.3033, 0.5073



19.4679, 0.2840, 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.



57.9603, 0.2410, 0.3235



77.0351, 0.2322, 0.3222



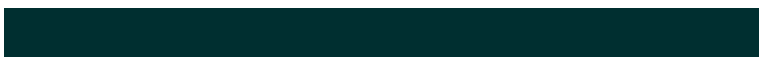
32.0466, 0.2223, 0.2357



15.4933, 0.2982, 0.3282



32.0073, 0.2220, 0.3190



2.2425, 0.2224, 0.3206

Inverse Universe

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



29.1225, 0.3230, 0.1999



34.1030, 0.3251, 0.1806



42.0687, 0.4329, 0.4037



13.9277, 0.3143, 0.3066



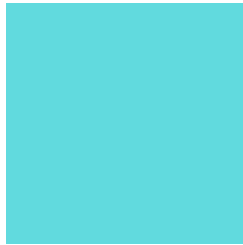
12.1392, 0.3290, 0.1586



0.8438, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 57.9581, 0.2410, 0.3235 looks on a white background.

Color Contrast Check

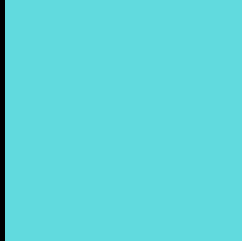
Large Text (above 18pt) WCAG AA × Fail

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 57.9581, 0.2410, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

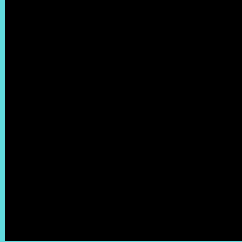
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9581, 0.2410, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 57.9581, 0.2410, 0.3235.

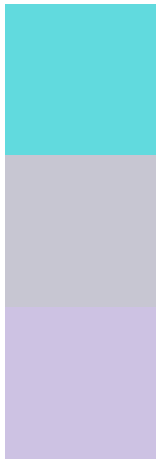


This preview shows how white text looks on a background with the Yxy color 57.9581, 0.2410, 0.3235.

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

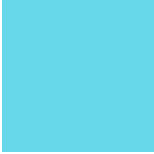
57.9581, 0.2410, 0.3235

Protanopia

57.1834, 0.3049, 0.3148

Deuteranopia

57.1088, 0.2975, 0.2913



Tritanopia

57.8770, 0.2370, 0.3056

Trichromacy



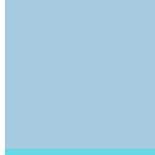
Original Color

57.9581, 0.2410, 0.3235



Protanomaly

56.1991, 0.2762, 0.3176



Deuteranomaly

56.2551, 0.2719, 0.3019



Tritanomaly

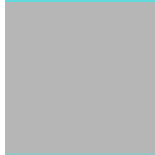
58.0482, 0.2383, 0.3119

Monochromacy



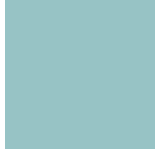
Original Color

57.9581, 0.2410, 0.3235



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

49.6407, 0.2783, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9581, 0.2410, 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(97, 218, 222)` looks like.

```
.text, #text, p{  
    color:rgb(97, 218, 222)  
}
```

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(97, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 218, 222) }
```

Border

The CSS property to change the border of an element to Yxy 57.9581, 0.2410, 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(97, 218, 222) }
```

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

```
.border{ border-color:rgb(97, 218, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 218, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 218, 222);  
box-shadow:4px 4px 4px 4px rgb(97, 218,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9581, 0.2410, 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(97, 218, 222) }
```

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

```
.background{ background-color: rgb(97, 218,  
222) }
```

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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