

Converting Colors

Yxy(58.9593, 0.2291, 0.3309)

Have a look what the booklet for
Yxy(58.9593, 0.2291, 0.3309)
contains.

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Color

Yxy(59.1207, 0.2292, 0.3315)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 2CE0DE |
| RGB | 44, 224, 222 |
| RGB Percent | 17%, 88%, 87% |
| CMY | 0.8274, 0.1215, 0.1295 |
| CMYK | 0.80, 0.00, 0.01, 0.12 |
| HSL | 179°, 74%, 53% |
| HSV | 179°, 80%, 88% |
| XYZ | 40.8762, 59.1207, 78.3461 |
| YIQ | 169.9520, -106.6380, -38.7820 |

Conversions

Conversions Part 2

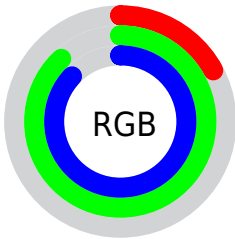
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 44, 135, 224 |
| Decimal | 2941150 |
| CIE Lab | 81.36, -42.24, -11.36 |
| CIE LCh | 81, 43.737, 195.054 |
| Yxy | 59.1207, 0.2292, 0.3315 |
| Android (android.graphics.Color) | 4281131230 (0xFF2CE0DE) |
| YUV | 169.9520, 25.6597, -110.4599 |
| Hunter-Lab | 76.8900, -39.6634, -6.5898 |

Details

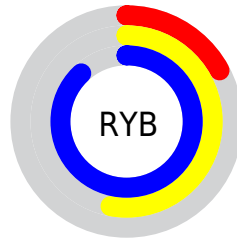
The Yxy color **59.1207, 0.2292, 0.3315** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **17.8480, 0.5916, 0.3285**, and the grayscale version is **40.0846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0251, 0.2460, 0.3288**, and **30.7953, 0.2252, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **58.7398, 0.2267, 0.3319**, and if you desaturate by 10%, it is **59.7733, 0.2335, 0.3311**.

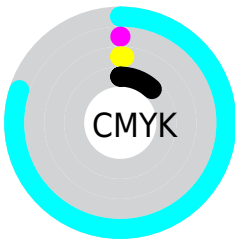
Distribution



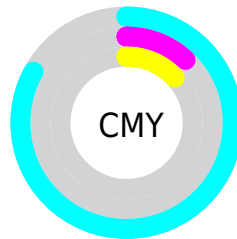
- Red (17%)
- Green (88%)
- Blue (87%)



- Red (17%)
- Yellow (53%)
- Blue (88%)



- Cyan (80%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)





- Cyan (83%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1207, 0.2292, 0.3315 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 59.1207, 0.2292, 0.3315 by changing the saturation by 10% instead.

 59.1207, 0.2292,
0.3315

 59.1207, 0.2292,
0.3315

421.3491, 0.2682,
0.3315


 42.7103, 0.2203,
0.3312


 103.5531, 0.2427,
0.3317


 29.6579, 0.2093,
0.3306


 132.3438, 0.2480,
0.3318

 19.5790, 0.1955,
0.3296


 166.0301, 0.2525,
0.3317

 12.0894, 0.1776,
0.3278

 204.9964, 0.2565,
0.3317

 6.8046, 0.1538,
0.3243

249.6271, 0.2599,
0.3317

 3.3402, 0.1210,
0.3170

300.3064, 0.2630,

 1.3118, 0.0390,

0.3316

357.4190, 0.2657,
0.3315

0.3120

0.1503, 0.0000,
0.1356

0.0000, 0.0000,
0.0000

59.1207, 0.2292,
0.3315

59.1207, 0.2292,
0.3315

58.7398, 0.2267,
0.3319

59.7733, 0.2335,
0.3311

58.5606, 0.2256,
0.3322

60.7289, 0.2397,
0.3308

62.0212, 0.2479,
0.3304

63.6781, 0.2579,
0.3301

■ 65.7245, 0.2696,
0.3298

■ 68.1829, 0.2827,
0.3295

■ 71.0744, 0.2970,
0.3292

■ 74.4184, 0.3122,
0.3290

■ 78.2334, 0.3279,
0.3288

Harmonies

Analogous

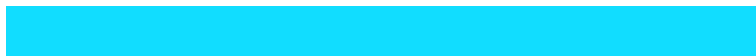
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.1207, 0.2685, 0.3883



59.1207, 0.2292, 0.3315



59.1207, 0.2120, 0.2805

Triad

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



59.1207, 0.2292, 0.3315



59.1207, 0.2953, 0.2510



59.1207, 0.4141, 0.4024

Complementary

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



59.1207, 0.2292, 0.3315



17.8480, 0.5916, 0.3285

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.



59.1207, 0.4251, 0.3614



59.1207, 0.2292, 0.3315



59.1207, 0.3530, 0.2785

Square

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



59.1207, 0.2292, 0.3315



59.1207, 0.2473, 0.2401



59.1207, 0.4024, 0.3175



59.1207, 0.3754, 0.4289

Rectangle

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



59.1207, 0.2292, 0.3315



59.1207, 0.2136, 0.2572



59.1207, 0.4024, 0.3175



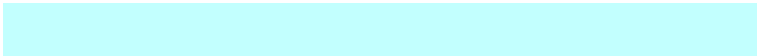
59.1207, 0.4214, 0.3896

Sweetspot

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



59.1229, 0.2292, 0.3315



90.1385, 0.2775, 0.3296



54.1011, 0.3018, 0.5773



19.0428, 0.2729, 0.3297



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.



59.1229, 0.2292, 0.3315



78.6292, 0.2259, 0.3321



23.8115, 0.1935, 0.1966



15.5696, 0.2984, 0.3292



34.0857, 0.2256, 0.3321



2.3635, 0.2254, 0.3316

Inverse Universe

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



17.8480, 0.5916, 0.3285



21.5104, 0.6345, 0.3295



32.2650, 0.5033, 0.4130



13.7030, 0.3290, 0.3288



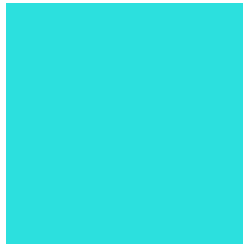
9.2286, 0.6388, 0.3293



0.6406, 0.6351, 0.3272

Previews

White Background



This preview shows how the Yxy color 59.1207, 0.2292, 0.3315 looks on a white background.

Color Contrast Check

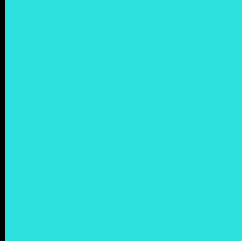
Large Text (above 18pt) WCAG AA × Fail

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 59.1207, 0.2292, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

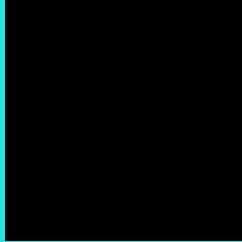
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

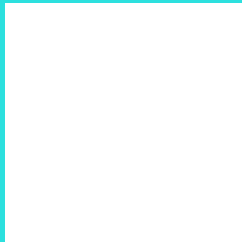
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1207, 0.2292, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 59.1207, 0.2292, 0.3315.

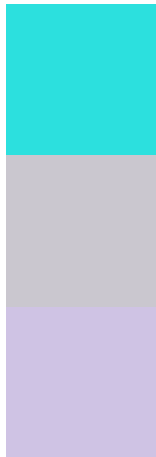


This preview shows how white text looks on a background with the Yxy color 59.1207, 0.2292, 0.3315.

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

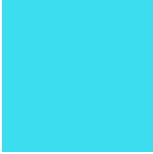
59.1207, 0.2292, 0.3315

Protanopia

57.9084, 0.3093, 0.3196

Deuteranopia

57.8970, 0.2983, 0.2915



Tritanopia

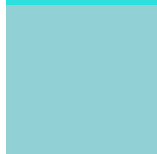
58.8747, 0.2242, 0.3053

Trichromacy



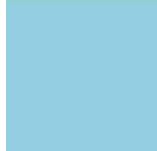
Original Color

59.1207, 0.2292, 0.3315



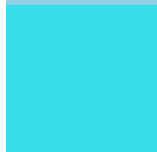
Protanomaly

55.8850, 0.2671, 0.3237



Deuteranomaly

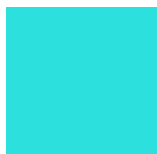
55.9295, 0.2607, 0.3037



Tritanomaly

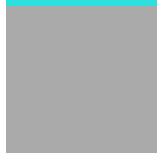
58.9100, 0.2259, 0.3142

Monochromacy



Original Color

59.1207, 0.2292, 0.3315



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

44.7861, 0.2648, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1207, 0.2292, 0.3315 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(44, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(44, 224, 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(44, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 224, 222) }
```

Border

The CSS property to change the border of an element to Yxy 59.1207, 0.2292, 0.3315 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(44, 224, 222) }
```

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

```
.border{ border-color:rgb(44, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(44, 224,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1207, 0.2292, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 224, 222) }
```

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

```
.background{ background-color: rgb(44, 224,  
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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