

Converting Colors

$Yxy(58.9492, 0.2394, 0.3496)$

Have a look what the booklet for
Yxy(58.9492, 0.2394, 0.3496)
contains.

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Color

Yxy(59.1081, 0.2393, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	43E0D1
RGB	67, 224, 209
RGB Percent	26%, 88%, 82%
CMY	0.7368, 0.1216, 0.1805
CMYK	0.70, 0.00, 0.07, 0.12
HSL	174°, 72%, 57%
HSV	174°, 70%, 88%
XYZ	40.4825, 59.1081, 69.5797
YIQ	175.3470, -88.7570, -37.9490

Conversions

Conversions Part 2

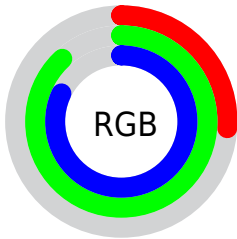
Format	Color
RYB	67, 149, 224
Decimal	4448465
CIELab	81.35, -43.42, -4.42
CIELCh	81, 43.646, 185.814
Yxy	59.1081, 0.2393, 0.3494
Android (android.graphics.Color)	4282638545 (0xFF43E0D1)
YUV	175.3470, 16.5909, -95.0203
Hunter-Lab	76.8818, -40.5532, 0.1585

Details

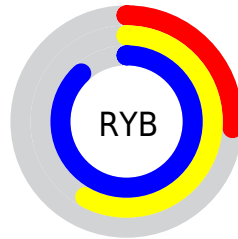
The Yxy color **59.1081, 0.2393, 0.3494** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **20.4879, 0.5280, 0.3155**, and the grayscale version is **43.0240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9742, 0.2505, 0.3288**, and **30.3718, 0.2313, 0.3527** is the 20% darker color. If you saturate the color by 10%, you get **58.3588, 0.2355, 0.3527**, and if you desaturate by 10%, it is **60.1695, 0.2450, 0.3461**.

Distribution



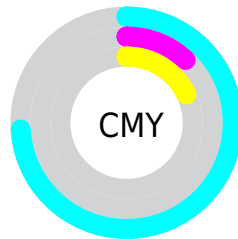
- Red (26%)
- Green (88%)
- Blue (82%)



- Red (26%)
- Yellow (58%)
- Blue (88%)



- Cyan (70%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)





- Cyan (74%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1081, 0.2393, 0.3494 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 59.1081, 0.2393, 0.3494 by changing the saturation by 10% instead.


 59.1081, 0.2393,
0.3494

 59.1081, 0.2393,
0.3494


421.3024, 0.2739,
0.3402


 42.7001, 0.2313,
0.3514


 103.5348, 0.2514,
0.3463


 29.6499, 0.2213,
0.3538


 132.3223, 0.2561,
0.3450

 19.5730, 0.2086,
0.3568


 166.0051, 0.2601,
0.3440

 12.0851, 0.1919,
0.3605

 204.9675, 0.2636,
0.3430

 6.8016, 0.1693,
0.3651

249.5941, 0.2667,
0.3422

 3.3384, 0.1372,
0.3705

300.2692, 0.2694,

 1.3108, 0.0406,

0.3415

357.3772, 0.2718,
0.3408

0.3957

0.1496, 0.0000,
0.2406

0.0000, 0.0000,
0.0000

59.1081, 0.2393,
0.3494

59.1081, 0.2393,
0.3494

58.3588, 0.2355,
0.3527

60.1695, 0.2450,
0.3461


57.8772, 0.2336,
0.3560

61.5679, 0.2527,
0.3429


57.6006, 0.2331,
0.3592


63.3330, 0.2621,
0.3398


65.4897, 0.2731,
0.3368

 68.0606, 0.2854,
0.3340

 71.0666, 0.2987,
0.3314

 74.5271, 0.3127,
0.3290

 78.4606, 0.3271,
0.3269

 80.1874, 0.3319,
0.3248

Harmonies

Analogous

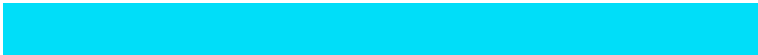
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.1081, 0.2840, 0.4030



59.1081, 0.2393, 0.3494



59.1081, 0.2149, 0.2946

Triad

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



59.1081, 0.2393, 0.3494



59.1081, 0.2790, 0.2458



59.1081, 0.4207, 0.3906

Complementary

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



59.1081, 0.2393, 0.3494



20.4879, 0.5280, 0.3155

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.



59.1081, 0.4214, 0.3478



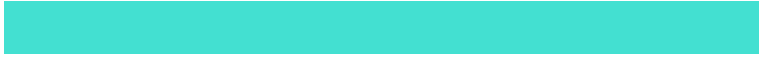
59.1081, 0.2393, 0.3494



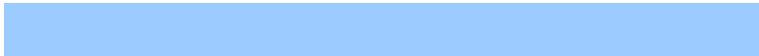
59.1081, 0.3351, 0.2686

Square

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



59.1081, 0.2393, 0.3494



59.1081, 0.2362, 0.2408



59.1081, 0.3891, 0.3047



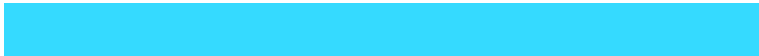
59.1081, 0.3894, 0.4230

Rectangle

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



59.1081, 0.2393, 0.3494



59.1081, 0.2117, 0.2669



59.1081, 0.3891, 0.3047



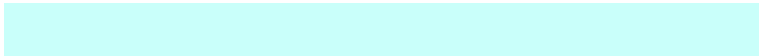
59.1081, 0.4247, 0.3769

Sweetspot

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



59.1104, 0.2393, 0.3494



90.8940, 0.2839, 0.3343



55.5477, 0.3086, 0.5490



19.2413, 0.2804, 0.3350



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.



59.1104, 0.2393, 0.3494



77.9558, 0.2344, 0.3542



32.1566, 0.2101, 0.2365



15.5485, 0.2995, 0.3312



33.5377, 0.2330, 0.3587



2.3313, 0.2316, 0.3537

Inverse Universe

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



20.4879, 0.5280, 0.3155



23.1724, 0.5896, 0.3186



32.1860, 0.4882, 0.3956



13.7217, 0.3277, 0.3268



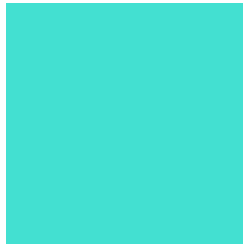
9.2643, 0.6287, 0.3237



0.6495, 0.6007, 0.3083

Previews

White Background



This preview shows how the Yxy color 59.1081, 0.2393, 0.3494 looks on a white background.

Color Contrast Check

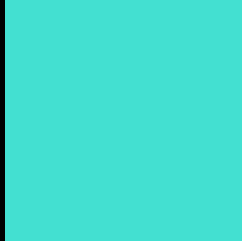
Large Text (above 18pt) WCAG AA × Fail

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 59.1081, 0.2393, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

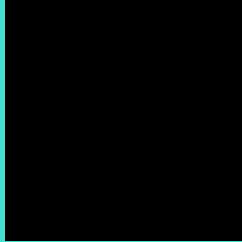
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

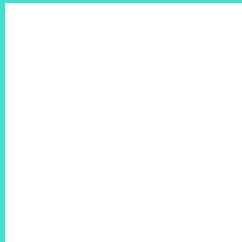
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1081, 0.2393, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 59.1081, 0.2393, 0.3494.

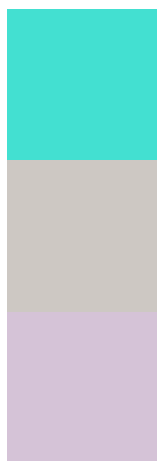


This preview shows how white text looks on a background with the Yxy color 59.1081, 0.2393, 0.3494.

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

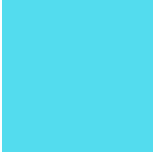
59.1081, 0.2393, 0.3494

Protanopia

58.2278, 0.3203, 0.3349

Deuteranopia

58.0826, 0.3122, 0.3062



Tritanopia

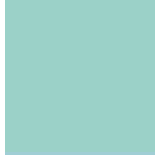
59.1984, 0.2302, 0.3055

Trichromacy



Original Color

59.1081, 0.2393, 0.3494



Protanomaly

56.7396, 0.2805, 0.3405



Deuteranomaly

56.4203, 0.2756, 0.3201



Tritanomaly

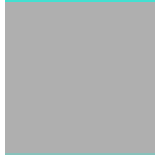
58.8367, 0.2333, 0.3208

Monochromacy



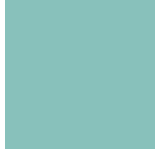
Original Color

59.1081, 0.2393, 0.3494



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

46.9620, 0.2743, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1081, 0.2393, 0.3494 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(67, 224, 209)` looks like.

```
.text, #text, p{  
    color:rgb(67, 224, 209)  
}
```

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(67, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 224, 209) }
```

Border

The CSS property to change the border of an element to Yxy 59.1081, 0.2393, 0.3494 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(67, 224, 209) }
```

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

```
.border{ border-color:rgb(67, 224, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 224, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(67, 224,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1081, 0.2393, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 224, 209) }
```

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

```
.background{ background-color: rgb(67, 224,  
209) }
```

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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