

Converting Colors

$Yxy(53.7492, 0.2341, 0.3567)$

Have a look what the booklet for
Yxy(53.7492, 0.2341, 0.3567)
contains.

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Color

Yxy(53.9096, 0.2340, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	18D9C6
RGB	24, 217, 198
RGB Percent	9%, 85%, 78%
CMY	0.9041, 0.1489, 0.2236
CMYK	0.89, 0.00, 0.09, 0.15
HSL	174°, 80%, 47%
HSV	174°, 89%, 85%
XYZ	35.3952, 53.9096, 61.9567
YIQ	157.1270, -108.9290, -46.8250

Conversions

Conversions Part 2

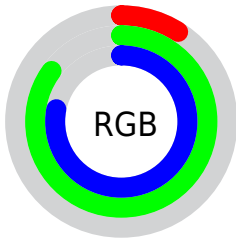
Format	Color
RYB	24, 125, 217
Decimal	1628614
CIELab	78.41, -47.21, -2.96
CIELCh	78, 47.302, 183.585
Yxy	53.9096, 0.2340, 0.3564
Android (android.graphics.Color)	4279818694 (0xFF18D9C6)
YUV	157.1270, 20.1504, -116.7524
Hunter-Lab	73.4232, -42.4408, 1.3655

Details

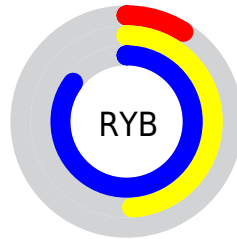
The Yxy color **53.9096, 0.2340, 0.3564** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **15.6050, 0.6025, 0.3198**, and the grayscale version is **33.7910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2507, 0.2423, 0.3288**, and **27.5034, 0.2338, 0.3617** is the 20% darker color. If you saturate the color by 10%, you get **53.6313, 0.2334, 0.3598**, and if you desaturate by 10%, it is **54.3961, 0.2362, 0.3530**.

Distribution



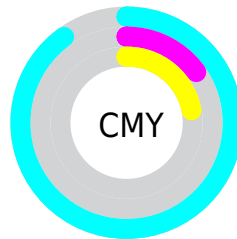
- Red (9%)
- Green (85%)
- Blue (78%)



- Red (9%)
- Yellow (49%)
- Blue (85%)



- Cyan (89%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)




- Cyan (90%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9096, 0.2340, 0.3564 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 53.9096, 0.2340, 0.3564 by changing the saturation by 10% instead.


 53.9096, 0.2340,
0.3564


 53.9096, 0.2340,
0.3564


401.7652, 0.2718,
0.3436

 38.5294, 0.2251,
0.3593


 95.9415, 0.2473,
0.3519

 26.3938, 0.2139,
0.3629


 123.3620, 0.2525,
0.3502

 17.1185, 0.1997,
0.3674


 155.5647, 0.2568,
0.3487

 10.3190, 0.1807,
0.3732

 192.9340, 0.2606,
0.3474

 5.6110, 0.1547,
0.3808

 235.8543, 0.2640,
0.3463

 2.6100, 0.1174,
0.3905

284.7100, 0.2669,

 0.9317, 0.0000,

0.3453

0.4283

339.8855, 0.2695,
0.3444

■ 0.0000, 0.0000,
0.0000

■ 53.9096, 0.2340,
0.3564

■ 53.9096, 0.2340,
0.3564

■ 53.6313, 0.2334,
0.3598

■ 54.3961, 0.2362,
0.3530

■ 53.6011, 0.2334,
0.3602

■ 55.1366, 0.2402,
0.3496

■ 56.1670, 0.2462,
0.3462

■ 57.5159, 0.2541,
0.3429

■ 59.2085, 0.2637,
0.3397

■ 61.2673, 0.2748,
0.3366

■ 63.7131, 0.2872,
0.3338

■ 66.5650, 0.3005,
0.3311

■ 69.8411, 0.3145,
0.3287

Harmonies

Analogous

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



53.9096, 0.2845, 0.4163



53.9096, 0.2340, 0.3564



53.9096, 0.2058, 0.2939

Triad

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



53.9096, 0.2340, 0.3564



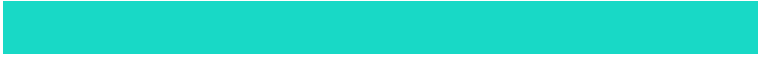
53.9096, 0.2707, 0.2363



53.9096, 0.4342, 0.3927

Complementary

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



53.9096, 0.2340, 0.3564



15.6050, 0.6025, 0.3198

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.



53.9096, 0.4328, 0.3451



53.9096, 0.2340, 0.3564



53.9096, 0.3325, 0.2599

Square

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



53.9096, 0.2340, 0.3564



53.9096, 0.2254, 0.2321



53.9096, 0.3942, 0.2984



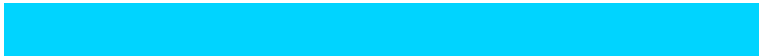
53.9096, 0.4009, 0.4311

Rectangle

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



53.9096, 0.2340, 0.3564



53.9096, 0.2012, 0.2623



53.9096, 0.3942, 0.2984



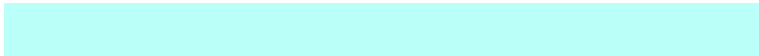
53.9096, 0.4380, 0.3772

Sweetspot

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



53.9116, 0.2340, 0.3564



88.7673, 0.2766, 0.3362



50.2323, 0.3044, 0.5878



18.7618, 0.2725, 0.3372



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.



53.9116, 0.2340, 0.3564



77.2217, 0.2335, 0.3605



23.9654, 0.1932, 0.2077



14.8062, 0.2995, 0.3313



32.4499, 0.2333, 0.3597



2.1088, 0.2317, 0.3542

Inverse Universe

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



15.6050, 0.6025, 0.3198



21.3311, 0.6312, 0.3251



24.2240, 0.5444, 0.3938



13.0723, 0.3276, 0.3267



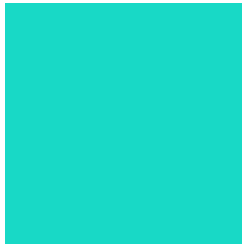
8.9708, 0.6280, 0.3233



0.5885, 0.5978, 0.3067

Previews

White Background



This preview shows how the Yxy color 53.9096, 0.2340, 0.3564 looks on a white background.

Color Contrast Check

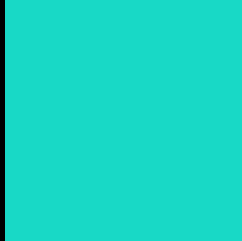
Large Text (above 18pt) WCAG AA × Fail

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 53.9096, 0.2340, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

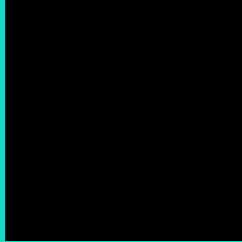
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

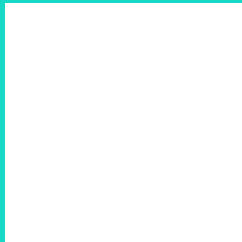
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9096, 0.2340, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 53.9096, 0.2340, 0.3564.

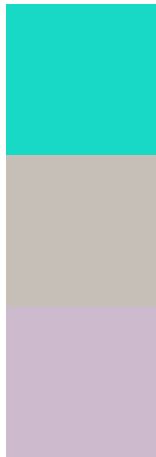


This preview shows how white text looks on a background with the Yxy color 53.9096, 0.2340, 0.3564.

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

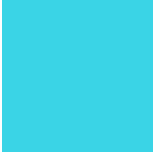
53.8971, 0.2339, 0.3564

Protanopia

52.6863, 0.3246, 0.3389

Deuteranopia

52.9276, 0.3137, 0.3077



Tritanopia

53.6997, 0.2243, 0.3044

Trichromacy



Original Color

53.8971, 0.2339, 0.3564



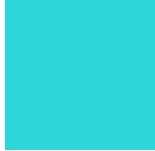
Protanomaly

50.0903, 0.2740, 0.3455



Deuteranomaly

50.1414, 0.2677, 0.3235



Tritanomaly

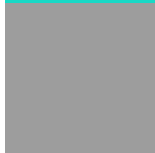
53.7359, 0.2275, 0.3232

Monochromacy



Original Color

53.8971, 0.2339, 0.3564



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

38.4700, 0.2638, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9096, 0.2340, 0.3564 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(24, 217, 198)` looks like.

```
.text, #text, p{  
  color:rgb(24, 217, 198)  
}
```

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(24, 217, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 217, 198) }
```

Border

The CSS property to change the border of an element to Yxy 53.9096, 0.2340, 0.3564 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(24, 217, 198) }
```

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

```
.border{ border-color:rgb(24, 217, 198) }
```

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

Here you see how a box with a 4 pixel rgb(24, 217, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 217, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 217, 198);  
box-shadow:4px 4px 4px 4px rgb(24, 217,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9096, 0.2340, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 217, 198) }
```

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

```
.background{ background-color: rgb(24, 217,  
198) }
```

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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