

Converting Colors

$Yxy(55.2482, 0.2443, 0.3659)$

Have a look what the booklet for
Yxy(55.2482, 0.2443, 0.3659)
contains.

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Color

Yxy(55.0724, 0.2445, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	41DAC0
RGB	65, 218, 192
RGB Percent	25%, 85%, 75%
CMY	0.7445, 0.1451, 0.2472
CMYK	0.70, 0.00, 0.12, 0.15
HSL	170°, 67%, 56%
HSV	170°, 70%, 85%
XYZ	36.7701, 55.0724, 58.5464
YIQ	169.2890, -82.8420, -40.5220

Conversions

Conversions Part 2

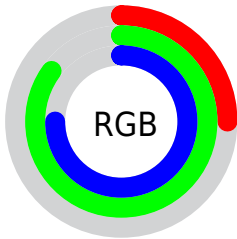
Format	Color
RYB	65, 149, 218
Decimal	4315840
CIELab	79.08, -45.52, 1.30
CIElCh	79, 45.534, 178.361
Yxy	55.0724, 0.2445, 0.3662
Android (android.graphics.Color)	4282505920 (0xFF41DAC0)
YUV	169.2890, 11.1965, -91.4615
Hunter-Lab	74.2108, -41.4254, 5.1725

Details

The Yxy color **55.0724, 0.2445, 0.3662** 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 **19.4598, 0.5100, 0.3034**, and the grayscale version is **39.8201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2028, 0.2519, 0.3368**, and **27.7047, 0.2372, 0.3737** is the 20% darker color. If you saturate the color by 10%, you get **54.3045, 0.2413, 0.3723**, and if you desaturate by 10%, it is **56.1358, 0.2497, 0.3601**.

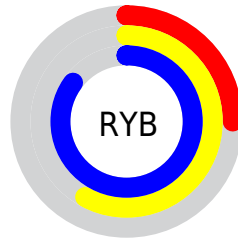
Distribution



Red (25%)

Green (85%)

Blue (75%)



Red (25%)

Yellow (58%)

Blue (85%)

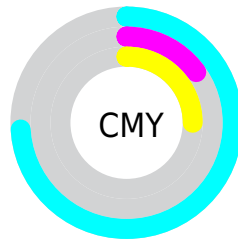


Cyan (70%)

Magenta (0%)

Yellow (12%)

Black (15%)



Cyan (74%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0724, 0.2445, 0.3662 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 55.0724, 0.2445, 0.3662 by changing the saturation by 10% instead.


 55.0724, 0.2445,
0.3662

 55.0724, 0.2445,
0.3662


406.1863, 0.2774,
0.3481


 39.4597, 0.2367,
0.3705

 97.6470, 0.2562,
0.3598

 27.1175, 0.2268,
0.3760


 125.3777, 0.2607,
0.3573

 17.6615, 0.2141,
0.3831


 157.9166, 0.2645,
0.3552

 10.7072, 0.1971,
0.3927

 195.6479, 0.2678,
0.3534

 5.8703, 0.1734,
0.4062

238.9561, 0.2706,
0.3518

 2.7664, 0.1385,
0.4265

288.2257, 0.2732,

 1.0110, 0.0000,

0.3505

0.5017

343.8410, 0.2754,
0.3492

■ 0.0000, 0.0000,
0.0000

■ 55.0724, 0.2445,
0.3662

■ 55.0724, 0.2445,
0.3662

■ 54.3045, 0.2413,
0.3723

■ 56.1358, 0.2497,
0.3601

■ 53.7906, 0.2399,
0.3785

■ 57.5180, 0.2568,
0.3542

■ 53.4728, 0.2401,
0.3845

■ 59.2468, 0.2656,
0.3485

■ 61.3456, 0.2758,
0.3430

■ 63.8355, 0.2873,
0.3380

66.7361, 0.2996,
0.3333

70.0658, 0.3126,
0.3290

73.8416, 0.3259,
0.3252

76.8579, 0.3346,
0.3217

Harmonies

Analogous

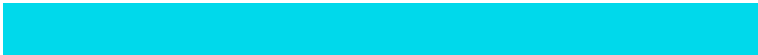
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.0724, 0.2959, 0.4194



55.0724, 0.2445, 0.3662



55.0724, 0.2130, 0.3051

Triad

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



55.0724, 0.2445, 0.3662



55.0724, 0.2636, 0.2377



55.0724, 0.4314, 0.3830

Complementary

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



55.0724, 0.2445, 0.3662



19.4598, 0.5100, 0.3034

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.



55.0724, 0.4234, 0.3367



55.0724, 0.2445, 0.3662



55.0724, 0.3209, 0.2575

Square

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



55.0724, 0.2445, 0.3662



55.0724, 0.2235, 0.2374



55.0724, 0.3813, 0.2925



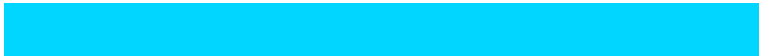
55.0724, 0.4049, 0.4219

Rectangle

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



55.0724, 0.2445, 0.3662



55.0724, 0.2056, 0.2723



55.0724, 0.3813, 0.2925



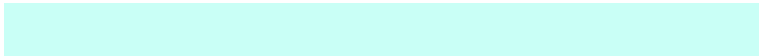
55.0724, 0.4329, 0.3678

Sweetspot

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



55.0745, 0.2445, 0.3662



90.6467, 0.2860, 0.3385



52.8602, 0.3149, 0.5448



19.1817, 0.2827, 0.3399



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.



55.0745, 0.2445, 0.3662



77.0774, 0.2404, 0.3752



34.7872, 0.2152, 0.2569



14.7895, 0.3005, 0.3330



32.0508, 0.2399, 0.3835



2.0867, 0.2371, 0.3736

Inverse Universe

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



19.4598, 0.5100, 0.3034



23.3716, 0.5704, 0.3074



27.2204, 0.5016, 0.3810



13.0875, 0.3265, 0.3250



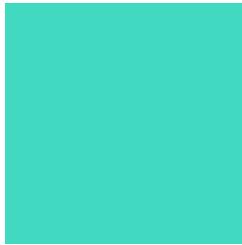
9.0212, 0.6140, 0.3156



0.5956, 0.5715, 0.2922

Previews

White Background



This preview shows how the Yxy color 55.0724, 0.2445, 0.3662 looks on a white background.

Color Contrast Check

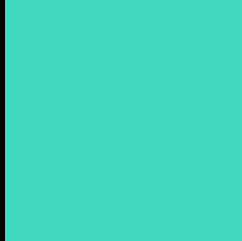
Large Text (above 18pt) WCAG AA × Fail

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 55.0724, 0.2445, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

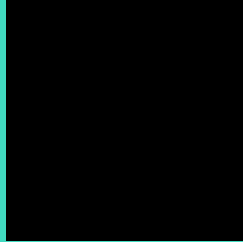
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

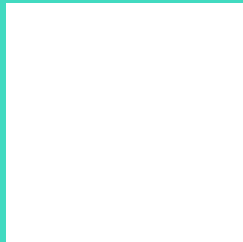
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0724, 0.2445, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 55.0724, 0.2445, 0.3662.

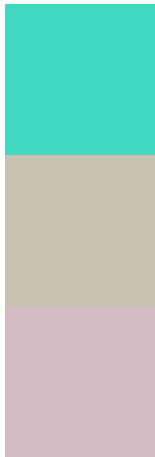


This preview shows how white text looks on a background with the Yxy color 55.0724, 0.2445, 0.3662.

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

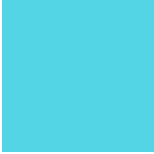
55.0724, 0.2445, 0.3662

Protanopia

54.2558, 0.3299, 0.3474

Deuteranopia

53.8925, 0.3240, 0.3173



Tritanopia

55.1865, 0.2315, 0.3062

Trichromacy



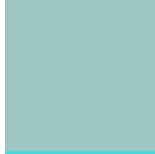
Original Color

55.0724, 0.2445, 0.3662



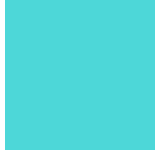
Protanomaly

52.8480, 0.2881, 0.3545



Deuteranomaly

52.1015, 0.2842, 0.3329



Tritanomaly

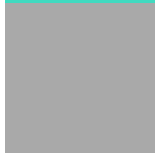
55.1365, 0.2361, 0.3274

Monochromacy



Original Color

55.0724, 0.2445, 0.3662



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

43.5403, 0.2766, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0724, 0.2445, 0.3662 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(65, 218, 192)` looks like.

```
.text, #text, p{  
    color:rgb(65, 218, 192)  
}
```

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(65, 218, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 218, 192) }
```

Border

The CSS property to change the border of an element to Yxy 55.0724, 0.2445, 0.3662 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(65, 218, 192) }
```

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

```
.border{ border-color:rgb(65, 218, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 218, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 218, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 218, 192);  
box-shadow:4px 4px 4px 4px rgb(65, 218,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0724, 0.2445, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 218, 192) }
```

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

```
.background{ background-color: rgb(65, 218,  
192) }
```

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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