

Converting Colors

$Y_{xy}(71.5352, 0.2336, 0.3564)$

Have a look what the booklet for
Yxy(71.5352, 0.2336, 0.3564)
contains.

Yxy(71.5545, 0.2335, 0.3559)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.5545, 0.2335, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	19F6E1
RGB	25, 246, 225
RGB Percent	10%, 96%, 88%
CMY	0.9016, 0.0353, 0.1177
CMYK	0.90, 0.00, 0.09, 0.04
HSL	174°, 92%, 53%
HSV	174°, 90%, 96%
XYZ	46.9457, 71.5545, 82.5521
YIQ	177.5270, -124.9750, -53.3830

Conversions

Conversions Part 2

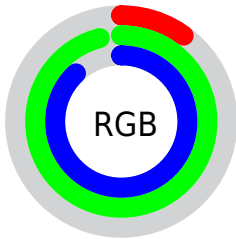
Format	Color
R_{YB}	25, 141, 246
Decimal	1701601
CIE _{Lab}	87.75, -51.98, -3.48
CIE _{LCh}	88, 52.096, 183.835
Yxy	71.5545, 0.2335, 0.3559
Android (android.graphics.Color)	4279891681 (0xFF19F6E1)
YUV	177.5270, 23.4042, -133.7662
Hunter-Lab	84.5899, -48.9684, 1.3513

Details

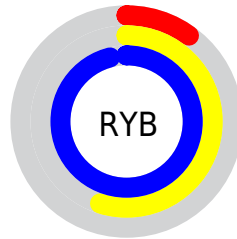
The Yxy color **71.5545, 0.2335, 0.3559** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **20.4916, 0.6085, 0.3209**, and the grayscale version is **44.1983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8049, 0.2450, 0.3288**, and **39.2975, 0.2335, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **71.2255, 0.2331, 0.3591**, and if you desaturate by 10%, it is **72.1485, 0.2354, 0.3526**.

Distribution



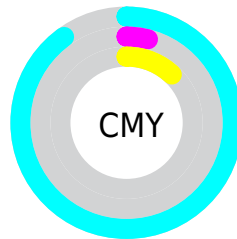
- Red (10%)
- Green (96%)
- Blue (88%)



- Red (10%)
- Yellow (55%)
- Blue (96%)



- Cyan (90%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)




- Cyan (90%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5545, 0.2335, 0.3559 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 71.5545, 0.2335, 0.3559 by changing the saturation by 10% instead.


 71.5545, 0.2335,
0.3559


 71.5545, 0.2335,
0.3559


465.9895, 0.2696,
0.3440


 52.7948, 0.2254,
0.3585


 121.4229, 0.2459,
0.3519

 37.6390, 0.2156,
0.3616


 153.3005, 0.2508,
0.3503

 25.7026, 0.2033,
0.3653


 190.3195, 0.2550,
0.3489

 16.6013, 0.1875,
0.3700

 232.8643, 0.2586,
0.3477

 9.9506, 0.1668,
0.3760

281.3193, 0.2619,
0.3466

 5.3662, 0.1385,
0.3834

336.0689, 0.2648,

 2.4637, 0.0958,

0.3456

0.3938

397.4975, 0.2673,
0.3448

■ 0.8584, 0.0000,
0.4182

■ 0.0000, 0.0000,
0.0000

■ 71.5545, 0.2335,
0.3559

■ 71.5545, 0.2335,
0.3559

■ 71.2255, 0.2331,
0.3591


■ 72.1485, 0.2354,
0.3526

■ 71.2197, 0.2331,
0.3592


■ 73.0763, 0.2392,
0.3493


■ 74.3878, 0.2450,
0.3460


■ 76.1228, 0.2526,
0.3428

 78.3160, 0.2621,
0.3397

 80.9985, 0.2732,
0.3367

 84.1988, 0.2855,
0.3339

 87.9431, 0.2989,
0.3313

 92.2558, 0.3130,
0.3290

Harmonies

Analogous

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



71.5545, 0.2840, 0.4161



71.5545, 0.2335, 0.3559



71.5545, 0.2054, 0.2933

Triad

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



71.5545, 0.2335, 0.3559



71.5545, 0.2711, 0.2362



71.5545, 0.4343, 0.3932

Complementary

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



71.5545, 0.2335, 0.3559



20.4916, 0.6085, 0.3209

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.



71.5545, 0.4332, 0.3455



71.5545, 0.2335, 0.3559



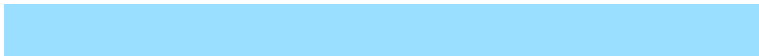
71.5545, 0.3331, 0.2601

Square

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



71.5545, 0.2335, 0.3559



71.5545, 0.2255, 0.2318



71.5545, 0.3948, 0.2987



71.5545, 0.4007, 0.4316

Rectangle

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



71.5545, 0.2335, 0.3559



71.5545, 0.2010, 0.2618



71.5545, 0.3948, 0.2987



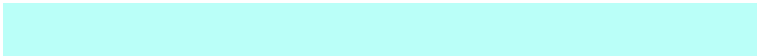
71.5545, 0.4382, 0.3777

Sweetspot

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



71.5572, 0.2335, 0.3559



88.7829, 0.2764, 0.3359



66.5939, 0.3040, 0.5900



18.7656, 0.2724, 0.3369



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.



71.5572, 0.2335, 0.3559



77.2740, 0.2331, 0.3593



31.1943, 0.1920, 0.2051



18.7290, 0.2993, 0.3312



38.0242, 0.2330, 0.3587



3.3497, 0.2318, 0.3546

Inverse Universe

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



20.4916, 0.6085, 0.3209



21.3271, 0.6317, 0.3254



31.5781, 0.5489, 0.3927



16.5081, 0.3279, 0.3268



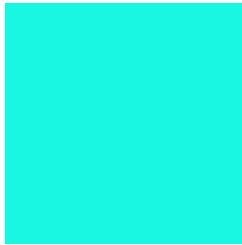
10.5007, 0.6293, 0.3240



0.9314, 0.6066, 0.3116

Previews

White Background



This preview shows how the Yxy color 71.5545, 0.2335, 0.3559 looks on a white background.

Color Contrast Check

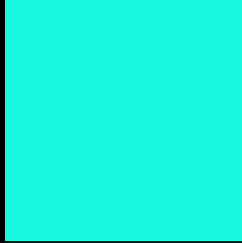
Large Text (above 18pt) WCAG AA × Fail

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 71.5545, 0.2335, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

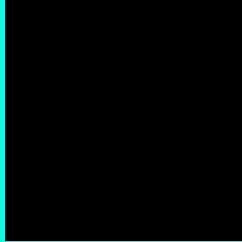
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5545, 0.2335, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 71.5545, 0.2335, 0.3559.

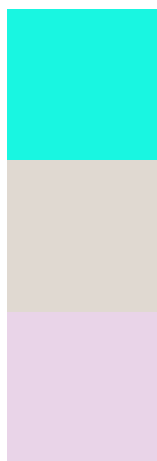


This preview shows how white text looks on a background with the Yxy color 71.5545, 0.2335, 0.3559.

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

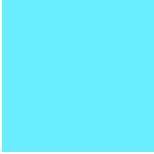
71.5545, 0.2335, 0.3559

Protanopia

70.0765, 0.3233, 0.3378

Deuteranopia

70.2368, 0.3144, 0.3080



Tritanopia

71.3121, 0.2351, 0.3085

Trichromacy



Original Color

71.5545, 0.2335, 0.3559



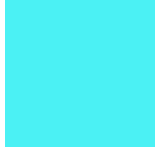
Protanomaly

67.0685, 0.2723, 0.3449



Deuteranomaly

66.1366, 0.2670, 0.3229



Tritanomaly

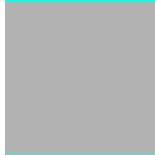
70.9381, 0.2323, 0.3251

Monochromacy



Original Color

71.5545, 0.2335, 0.3559



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

50.7896, 0.2626, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5545, 0.2335, 0.3559 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(25, 246, 225)` looks like.

```
.text, #text, p{  
    color:rgb(25, 246, 225)  
}
```

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(25, 246, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 246, 225) }
```

Border

The CSS property to change the border of an element to Yxy 71.5545, 0.2335, 0.3559 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(25, 246, 225) }
```

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

```
.border{ border-color:rgb(25, 246, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 246, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 246, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 246, 225);  
box-shadow:4px 4px 4px 4px rgb(25, 246,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5545, 0.2335, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 246, 225) }
```

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

```
.background{ background-color: rgb(25, 246,  
225) }
```

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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