

Converting Colors

$Y_{xy}(74.1369, 0.2255, 0.3308)$

Have a look what the booklet for
Yxy(74.1369, 0.2255, 0.3308)
contains.

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Color

Yxy(73.9018, 0.2253, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	08F8F7
RGB	8, 248, 247
RGB Percent	3%, 97%, 97%
CMY	0.9681, 0.0274, 0.0314
CMYK	0.97, 0.00, 0.00, 0.03
HSL	180°, 94%, 50%
HSV	180°, 97%, 97%
XYZ	50.4548, 73.9018, 99.5883
YIQ	176.1260, -142.7190, -51.1910

Conversions

Conversions Part 2

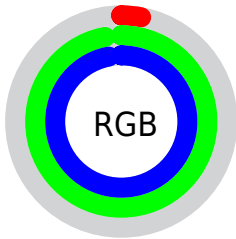
Format	Color
R _Y B	8, 128, 248
Decimal	588023
CIE Lab	88.88, -47.20, -13.32
CIE LCh	89, 49.047, 195.756
Yxy	73.9018, 0.2253, 0.3300
Android (android.graphics.Color)	4278778103 (0xFF08F8F7)
YUV	176.1260, 34.9409, -147.4465
Hunter-Lab	85.9662, -45.6766, -8.5087

Details

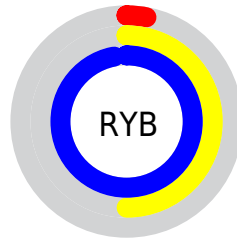
The Yxy color **73.9018, 0.2253, 0.3300** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **20.1541, 0.6358, 0.3298**, and the grayscale version is **43.3792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7331, 0.2446, 0.3288**, and **41.0232, 0.2247, 0.3287** is the 20% darker color. If you saturate the color by 10%, you get **73.8499, 0.2250, 0.3300**, and if you desaturate by 10%, it is **74.1809, 0.2268, 0.3299**.

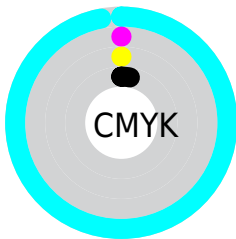
Distribution



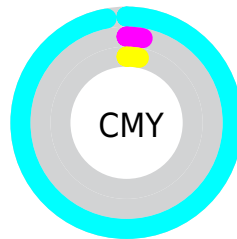
- Red (3%)
- Green (97%)
- Blue (97%)



- Red (3%)
- Yellow (50%)
- Blue (97%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)





- Cyan (97%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9018, 0.2253, 0.3300 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 73.9018, 0.2253, 0.3300 by changing the saturation by 10% instead.


 73.9018, 0.2253,
0.3300


 73.9018, 0.2253,
0.3300


474.1344, 0.2644,
0.3308


 54.7137, 0.2168,
0.3295


 124.7566, 0.2385,
0.3305


 39.1725, 0.2064,
0.3287


 157.1920, 0.2438,
0.3307

 26.8940, 0.1937,
0.3275


 194.8121, 0.2483,
0.3308

 17.4936, 0.1777,
0.3256

 238.0010, 0.2523,
0.3308

 10.5870, 0.1570,
0.3222

287.1434, 0.2559,
0.3308

 5.7899, 0.1298,
0.3161


342.6234, 0.2590,

 2.7177, 0.0932,


0.3309


404.8256, 0.2618,
0.3309


0.3038


 0.9862, 0.0000,
0.2898


 0.0000, 0.0000,
0.0000


 73.9018, 0.2253,
0.3300


 73.9018, 0.2253,
0.3300

 73.8499, 0.2250,
0.3300

 74.1809, 0.2268,
0.3299

 74.7569, 0.2299,
0.3297

 75.6899, 0.2349,
0.3296

 77.0253, 0.2418,
0.3295

■ 78.8018, 0.2507,
0.3294

■ 81.0538, 0.2614,
0.3293

■ 83.8118, 0.2738,
0.3292

■ 87.1044, 0.2875,
0.3291

■ 90.9575, 0.3023,
0.3290

Harmonies

Analogous

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



73.9018, 0.2654, 0.3897



73.9018, 0.2253, 0.3300



73.9018, 0.2082, 0.2774

Triad

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



73.9018, 0.2253, 0.3300



73.9018, 0.2959, 0.2487



73.9018, 0.4174, 0.4057

Complementary

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



73.9018, 0.2253, 0.3300



20.1541, 0.6358, 0.3298

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.



73.9018, 0.4298, 0.3633



73.9018, 0.2253, 0.3300



73.9018, 0.3559, 0.2774

Square

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



73.9018, 0.2253, 0.3300



73.9018, 0.2457, 0.2369



73.9018, 0.4070, 0.3179



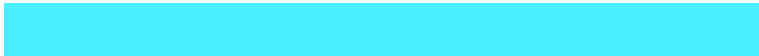
73.9018, 0.3764, 0.4332

Rectangle

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



73.9018, 0.2253, 0.3300



73.9018, 0.2103, 0.2537



73.9018, 0.4070, 0.3179



73.9018, 0.4252, 0.3925

Sweetspot

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



73.9045, 0.2253, 0.3300



88.5496, 0.2708, 0.3292



67.2345, 0.3003, 0.5980



18.6820, 0.2654, 0.3293



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.



73.9045, 0.2253, 0.3300



78.6705, 0.2250, 0.3300



23.3521, 0.1799, 0.1660



19.6073, 0.2981, 0.3291



39.8927, 0.2250, 0.3300



3.6952, 0.2250, 0.3299

Inverse Universe

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



20.1541, 0.6358, 0.3298



21.2624, 0.6398, 0.3298



34.4095, 0.5419, 0.4056



17.2264, 0.3294, 0.3289



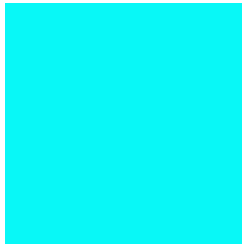
10.7822, 0.6396, 0.3297



0.9990, 0.6385, 0.3291

Previews

White Background



This preview shows how the Yxy color 73.9018, 0.2253, 0.3300 looks on a white background.

Color Contrast Check

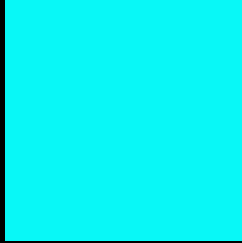
Large Text (above 18pt) WCAG AA × Fail

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 73.9018, 0.2253, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

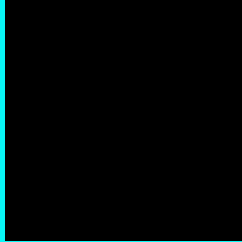
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9018, 0.2253, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 73.9018, 0.2253, 0.3300.

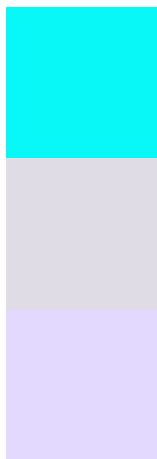


This preview shows how white text looks on a background with the Yxy color 73.9018, 0.2253, 0.3300.

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

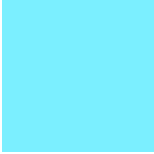
73.9018, 0.2253, 0.3300

Protanopia

72.5875, 0.3083, 0.3183

Deuteranopia

72.5984, 0.2958, 0.2897



Tritanopia

73.1640, 0.2419, 0.3101

Trichromacy



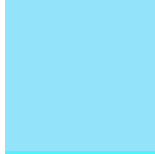
Original Color

73.9018, 0.2253, 0.3300



Protanomaly

68.6695, 0.2582, 0.3217



Deuteranomaly

68.6549, 0.2515, 0.3020



Tritanomaly

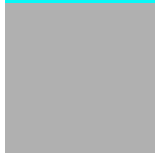
72.2819, 0.2309, 0.3167

Monochromacy



Original Color

73.9018, 0.2253, 0.3300



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

50.1502, 0.2547, 0.3288

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9018, 0.2253, 0.3300 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(8, 248, 247)` looks like.

```
.text, #text, p{  
    color:rgb(8, 248, 247)  
}
```

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(8, 248, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 248, 247) }
```

Border

The CSS property to change the border of an element to Yxy 73.9018, 0.2253, 0.3300 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(8, 248, 247) }
```

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

```
.border{ border-color:rgb(8, 248, 247) }
```

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

Here you see how a box with a 4 pixel rgb(8, 248, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 248, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 248, 247);  
box-shadow:4px 4px 4px 4px rgb(8, 248,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9018, 0.2253, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 248, 247) }
```

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

```
.background{ background-color: rgb(8, 248,  
247) }
```

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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