

Converting Colors

$Yxy(71.5947, 0.2398, 0.3291)$

Have a look what the booklet for
Yxy(71.5947, 0.2398, 0.3291)
contains.

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Color

Yxy(71.7985, 0.2400, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	62F1F0
RGB	98, 241, 240
RGB Percent	38%, 95%, 94%
CMY	0.6159, 0.0549, 0.0588
CMYK	0.59, 0.00, 0.00, 0.05
HSL	180°, 84%, 66%
HSV	180°, 59%, 95%
XYZ	52.2171, 71.7985, 93.5556
YIQ	198.1290, -84.9070, -30.6270

Conversions

Conversions Part 2

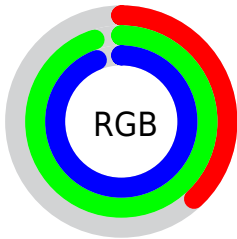
Format	Color
R_{YB}	98, 170, 241
Decimal	6484464
CIE _{Lab}	87.87, -38.21, -11.05
CIE _{LCh}	88, 39.780, 196.125
Yxy	71.7985, 0.2400, 0.3300
Android (android.graphics.Color)	4284674544 (0xFF62F1F0)
YUV	198.1290, 20.6424, -87.8131
Hunter-Lab	84.7340, -38.2844, -6.1489

Details

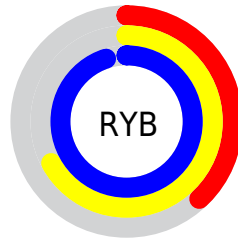
The Yxy color **71.7985, 0.2400, 0.3300** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **28.3267, 0.4975, 0.3286**, and the grayscale version is **56.4582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4214, 0.2615, 0.3288**, and **37.7417, 0.2247, 0.3287** is the 20% darker color. If you saturate the color by 10%, you get **70.6474, 0.2336, 0.3302**, and if you desaturate by 10%, it is **73.3585, 0.2484, 0.3298**.

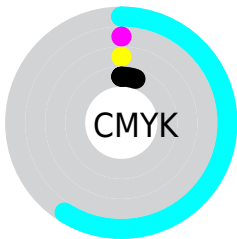
Distribution



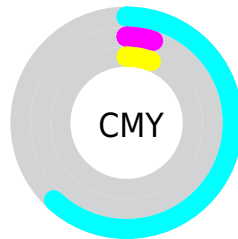
- Red (38%)
- Green (95%)
- Blue (94%)



- Red (38%)
- Yellow (67%)
- Blue (95%)



- Cyan (59%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)




- Cyan (62%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7985, 0.2400, 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 71.7985, 0.2400, 0.3300 by changing the saturation by 10% instead.


 71.7985, 0.2400,
0.3300


 71.7985, 0.2400,
0.3300

466.8399, 0.2729,
0.3304

 52.9941, 0.2327,
0.3297


 121.7700, 0.2513,
0.3303

 37.7981, 0.2238,
0.3292


 153.7059, 0.2557,
0.3304

 25.8260, 0.2127,
0.3284


 190.7877, 0.2595,
0.3304

 16.6935, 0.1985,
0.3271

233.3999, 0.2629,
0.3305

 10.0162, 0.1800,
0.3247

281.9268, 0.2658,
0.3305

 5.4097, 0.1547,
0.3203

336.7529, 0.2685,

 2.4896, 0.1190,

0.3305

398.2625, 0.2708,
0.3304

0.3112

0.8714, 0.0000,
0.3103

0.0000, 0.0000,
0.0000

71.7985, 0.2400,
0.3300

71.7985, 0.2400,
0.3300

70.6474, 0.2336,
0.3302

73.3585, 0.2484,
0.3298

69.8594, 0.2291,
0.3304


75.3519, 0.2586,
0.3296

69.3928, 0.2265,
0.3306

77.8111, 0.2705,
0.3294

69.1780, 0.2253,
0.3309

80.7628, 0.2839,
0.3293


 69.1674, 0.2252,
0.3309

 84.2321, 0.2984,
0.3291

 88.2420, 0.3137,
0.3290

 90.5375, 0.3218,
0.3289

 90.5475, 0.3217,
0.3287

 90.5575, 0.3216,
0.3285

Harmonies

Analogous

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



71.7985, 0.2737, 0.3775



71.7985, 0.2400, 0.3300



71.7985, 0.2254, 0.2869

Triad

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



71.7985, 0.2400, 0.3300



71.7985, 0.2999, 0.2619



71.7985, 0.3990, 0.3940

Complementary

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



71.7985, 0.2400, 0.3300



28.3267, 0.4975, 0.3286

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.



71.7985, 0.4087, 0.3594



71.7985, 0.2400, 0.3300



71.7985, 0.3490, 0.2865

Square

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



71.7985, 0.2400, 0.3300



71.7985, 0.2577, 0.2520



71.7985, 0.3902, 0.3211



71.7985, 0.3656, 0.4146

Rectangle

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



71.7985, 0.2400, 0.3300



71.7985, 0.2272, 0.2668



71.7985, 0.3902, 0.3211



71.7985, 0.4052, 0.3835

Sweetspot

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



71.8012, 0.2400, 0.3300



92.2894, 0.2857, 0.3292



66.5243, 0.3048, 0.5205



19.5266, 0.2816, 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.



71.8012, 0.2400, 0.3300



80.1132, 0.2326, 0.3303



38.3969, 0.2189, 0.2359



17.9270, 0.2982, 0.3291



37.5059, 0.2252, 0.3308



3.1208, 0.2252, 0.3305

Inverse Universe

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



28.3267, 0.4975, 0.3286



26.6617, 0.5544, 0.3288



47.2540, 0.4453, 0.4022



15.7606, 0.3292, 0.3289



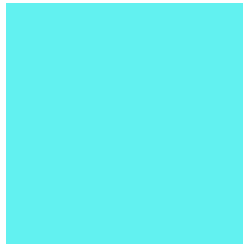
10.1438, 0.6393, 0.3296



0.8445, 0.6374, 0.3285

Previews

White Background



This preview shows how the Yxy color 71.7985, 0.2400, 0.3300 looks on a white background.

Color Contrast Check

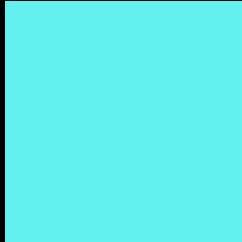
Large Text (above 18pt) WCAG AA × Fail

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 71.7985, 0.2400, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

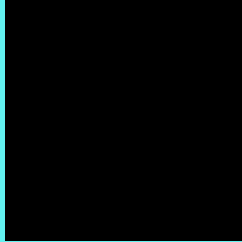
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.7985, 0.2400, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 71.7985, 0.2400, 0.3300.

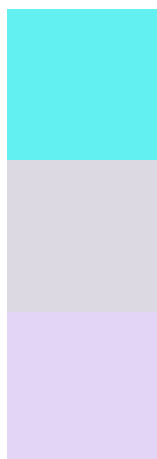


This preview shows how white text looks on a background with the Yxy color 71.7985, 0.2400, 0.3300.

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

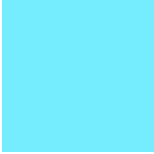
71.7985, 0.2400, 0.3300

Protanopia

70.3323, 0.3089, 0.3192

Deuteranopia

70.5732, 0.3008, 0.2944



Tritanopia

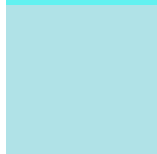
71.6399, 0.2396, 0.3075

Trichromacy



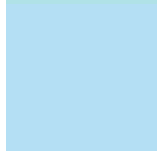
Original Color

71.7985, 0.2400, 0.3300



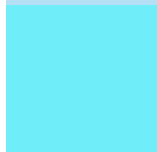
Protanomaly

69.3923, 0.2771, 0.3231



Deuteranomaly

69.0103, 0.2720, 0.3051



Tritanomaly

71.4307, 0.2394, 0.3144

Monochromacy



Original Color

71.7985, 0.2400, 0.3300



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

60.5786, 0.2777, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7985, 0.2400, 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(98, 241, 240)` looks like.

```
.text, #text, p{  
    color:rgb(98, 241, 240)  
}
```

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(98, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 241, 240) }
```

Border

The CSS property to change the border of an element to Yxy 71.7985, 0.2400, 0.3300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

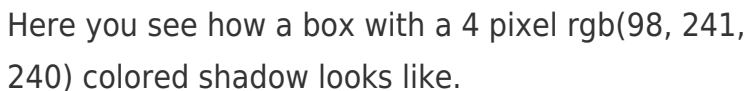
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 241, 240) }
```

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

```
.border{ border-color:rgb(98, 241, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 241, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(98, 241,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7985, 0.2400, 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(98, 241, 240) }
```

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

```
.background{ background-color: rgb(98, 241,  
240) }
```

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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