

Converting Colors

$Yxy(71.1152, 0.2917, 0.3311)$

Have a look what the booklet for
Yxy(71.1152, 0.2917, 0.3311)
contains.

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Color

Yxy(71.1120, 0.2918, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	C1E2E0
RGB	193, 226, 224
RGB Percent	76%, 89%, 88%
CMY	0.2429, 0.1138, 0.1216
CMYK	0.15, 0.00, 0.01, 0.11
HSL	176°, 36%, 82%
HSV	176°, 15%, 89%
XYZ	62.6524, 71.1120, 80.9457
YIQ	215.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

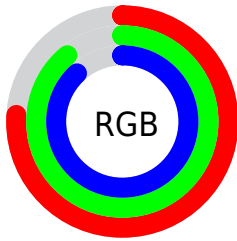
Format	Color
R _Y B	193, 210, 226
Decimal	12706528
CIE Lab	87.54, -11.14, -2.66
CIE LCh	88, 11.457, 193.440
Yxy	71.1120, 0.2918, 0.3312
Android (android.graphics.Color)	4290896608 (0xFFC1E2E0)
YUV	215.9050, 3.9908, -20.0877
Hunter-Lab	84.3279, -14.9552, 2.1175

Details

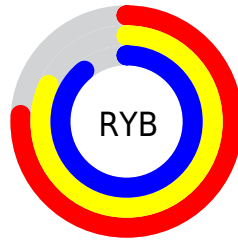
The Yxy color **71.1120, 0.2918, 0.3312** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.2716, 0.3382, 0.3268**, and the grayscale version is **68.5906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **37.4794, 0.2867, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **68.2935, 0.2785, 0.3329**, and if you desaturate by 10%, it is **74.3909, 0.3060, 0.3297**.

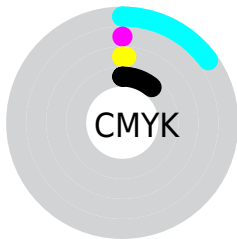
Distribution



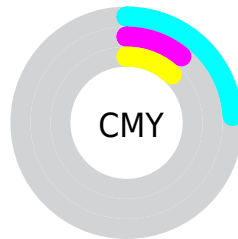
- Red (76%)
- Green (89%)
- Blue (88%)



- Red (76%)
- Yellow (82%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)





- Cyan (24%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1120, 0.2918, 0.3312 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 71.1120, 0.2918, 0.3312 by changing the saturation by 10% instead.

 71.1120, 0.2918,
0.3312

 71.1120, 0.2918,
0.3312

464.4449, 0.3015,
0.3303

 52.4336, 0.2896,
0.3314


 120.7932, 0.2952,
0.3309

 37.3508, 0.2869,
0.3316


152.5648, 0.2965,
0.3308

 25.4792, 0.2834,
0.3319

189.4695, 0.2976,
0.3306

 16.4345, 0.2788,
0.3323

231.8919, 0.2986,
0.3305

 9.8321, 0.2726,
0.3328

280.2162, 0.2994,
0.3305

 5.2878, 0.2637,
0.3333

334.8268, 0.3002,

 2.4171, 0.2496,

0.3304

396.1083, 0.3009,
0.3303

0.3341

0.8347, 0.2122,
0.3397

0.0000, 0.0000,
0.0000

71.1120, 0.2918,
0.3312

71.1120, 0.2918,
0.3312

68.2935, 0.2785,
0.3329

74.3909, 0.3060,
0.3297

65.9060, 0.2664,
0.3347

78.1405, 0.3208,
0.3283

63.9303, 0.2558,
0.3366

81.2559, 0.3318,
0.3270

62.3424, 0.2469,
0.3385

81.3321, 0.3309,
0.3256

61.1157, 0.2399,
0.3405

81.4089, 0.3299,
0.3243

60.2203, 0.2348,
0.3426

81.4862, 0.3290,
0.3229

59.6216, 0.2316,
0.3446

81.5642, 0.3281,
0.3216

59.2771, 0.2302,
0.3466

81.6428, 0.3272,
0.3202

59.1596, 0.2299,
0.3477

81.7220, 0.3263,
0.3189

Harmonies

Analogous

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



71.1120, 0.3029, 0.3434



71.1120, 0.2918, 0.3312



71.1120, 0.2863, 0.3187

Triad

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



71.1120, 0.2918, 0.3312



71.1120, 0.3082, 0.3077



71.1120, 0.3383, 0.3483

Complementary

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



71.1120, 0.2918, 0.3312



58.2716, 0.3382, 0.3268

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.



71.1120, 0.3399, 0.3383



71.1120, 0.2918, 0.3312



71.1120, 0.3223, 0.3153

Square

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



71.1120, 0.2918, 0.3312



71.1120, 0.2956, 0.3055



71.1120, 0.3340, 0.3263



71.1120, 0.3298, 0.3532

Rectangle

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



71.1120, 0.2918, 0.3312



71.1120, 0.2864, 0.3120



71.1120, 0.3340, 0.3263



71.1120, 0.3397, 0.3454

Sweetspot

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



71.1150, 0.2918, 0.3312



98.0769, 0.3068, 0.3296



69.8764, 0.3124, 0.3676



20.9175, 0.3057, 0.3297



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.



71.1150, 0.2918, 0.3312



92.5175, 0.2883, 0.3316



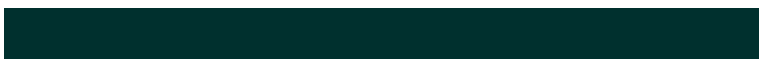
63.7806, 0.2900, 0.3125



15.5573, 0.2990, 0.3304



33.7593, 0.2298, 0.3474



2.3444, 0.2290, 0.3443

Inverse Universe

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



58.2716, 0.3382, 0.3268



73.0410, 0.3435, 0.3264



64.8036, 0.3374, 0.3450



13.7139, 0.3283, 0.3276



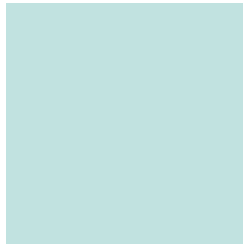
9.2476, 0.6334, 0.3263



0.6458, 0.6145, 0.3159

Previews

White Background



This preview shows how the Yxy color 71.1120, 0.2918, 0.3312 looks on a white background.

Color Contrast Check

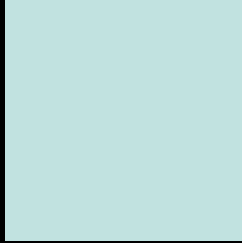
Large Text (above 18pt) WCAG AA × Fail

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 71.1120, 0.2918, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

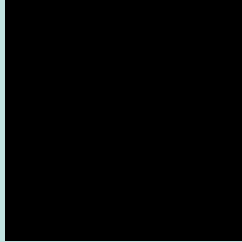
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

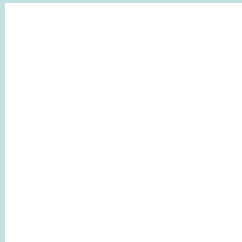
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1120, 0.2918, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 71.1120, 0.2918, 0.3312.



This preview shows how white text looks on a background with the Yxy color 71.1120, 0.2918, 0.3312.

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

71.1120, 0.2918, 0.3312

Protanopia

70.9453, 0.3156, 0.3279

Deuteranopia

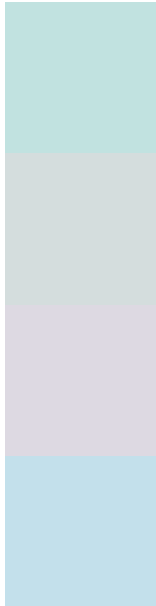
70.6375, 0.3208, 0.3133



Tritanopia

70.8620, 0.2835, 0.3090

Trichromacy



Original Color

71.1120, 0.2918, 0.3312

Protanomaly

70.9304, 0.3064, 0.3290

Deuteranomaly

70.4888, 0.3096, 0.3192

Tritanomaly

70.9116, 0.2865, 0.3166

Monochromacy



Original Color

71.1120, 0.2918, 0.3312

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.7108, 0.3049, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1120, 0.2918, 0.3312 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(193, 226, 224)` looks like.

```
.text, #text, p{  
    color:rgb(193, 226, 224)  
}
```

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(193, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 226, 224) }
```

Border

The CSS property to change the border of an element to Yxy 71.1120, 0.2918, 0.3312 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(193, 226, 224) }
```

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

```
.border{ border-color:rgb(193, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 226, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 226, 224); box-shadow:4px 4px 4px 4px rgb(193, 226, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1120, 0.2918, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 226, 224) }
```

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

```
.background{ background-color: rgb(193,  
226, 224) }
```

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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