

Converting Colors

$Yxy(71.6684, 0.2789, 0.3284)$

Have a look what the booklet for
Yxy(71.6684, 0.2789, 0.3284)
contains.

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Color

Yxy(71.7718, 0.2793, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B2E6E6
RGB	178, 230, 230
RGB Percent	70%, 90%, 90%
CMY	0.3017, 0.0981, 0.0981
CMYK	0.23, 0.00, 0.00, 0.10
HSL	180°, 51%, 80%
HSV	180°, 23%, 90%
XYZ	60.9482, 71.7718, 85.4977
YIQ	214.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

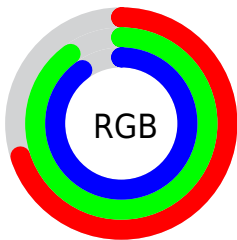
Format	Color
RYB	178, 204, 230
Decimal	11724518
CIELab	87.86, -16.50, -5.45
CIELCh	88, 17.377, 198.268
Yxy	71.7718, 0.2793, 0.3289
Android (android.graphics.Color)	4289914598 (0xFFB2E6E6)
YUV	214.4520, 7.6652, -31.9684
Hunter-Lab	84.7182, -19.8400, -0.5327

Details

The Yxy color **71.7718, 0.2793, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.9022, 0.3590, 0.3291**, and the grayscale version is **67.5368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **37.6523, 0.2711, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **69.2772, 0.2663, 0.3289**, and if you desaturate by 10%, it is **74.7283, 0.2935, 0.3289**.

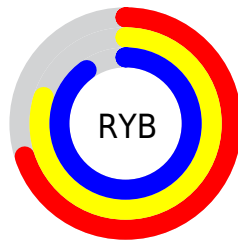
Distribution



Red (70%)

Green (90%)

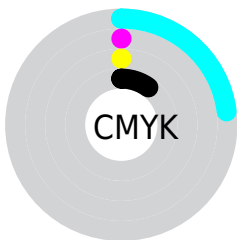
Blue (90%)



Red (70%)

Yellow (80%)

Blue (90%)

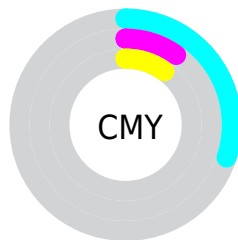


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (10%)



Cyan (30%)


Magenta (10%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7718, 0.2793, 0.3289 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 71.7718, 0.2793, 0.3289 by changing the saturation by 10% instead.


 71.7718, 0.2793,
0.3289

 71.7718, 0.2793,
0.3289


466.7469, 0.2947,
0.3291

 52.9723, 0.2758,
0.3288


 121.7320, 0.2846,
0.3290

 37.7806, 0.2715,
0.3287

153.6615, 0.2867,
0.3291

 25.8125, 0.2661,
0.3284


190.7365, 0.2885,
0.3291

 16.6834, 0.2590,
0.3281

233.3413, 0.2900,
0.3291

 10.0090, 0.2495,
0.3275

281.8604, 0.2914,
0.3291

 5.4049, 0.2358,
0.3264

336.6781, 0.2926,

 2.4868, 0.2149,

0.3291

398.1788, 0.2937,
0.3291

0.3240

0.8700, 0.1588,
0.3259

0.0000, 0.0000,
0.0000

71.7718, 0.2793,
0.3289

71.7718, 0.2793,
0.3289

69.2772, 0.2663,
0.3289

74.7283, 0.2935,
0.3289

67.2132, 0.2549,
0.3288


78.1593, 0.3087,
0.3290


65.5579, 0.2452,
0.3288

82.0873, 0.3245,
0.3290


64.2842, 0.2374,
0.3288


83.5630, 0.3301,
0.3291


 63.3616, 0.2316,
0.3288


 83.5631, 0.3301,
0.3291


 62.7552, 0.2276,
0.3288


 83.5631, 0.3301,
0.3291

 62.4226, 0.2255,
0.3287

 83.5631, 0.3301,
0.3291

 62.3028, 0.2247,
0.3287

 83.5631, 0.3301,
0.3291

 83.5631, 0.3301,
0.3291

Harmonies

Analogous

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



71.7718, 0.2946, 0.3482



71.7718, 0.2793, 0.3289



71.7718, 0.2727, 0.3104

Triad

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



71.7718, 0.2793, 0.3289



71.7718, 0.3092, 0.2986



71.7718, 0.3500, 0.3597

Complementary

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



71.7718, 0.2793, 0.3289



51.9022, 0.3590, 0.3291

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.



71.7718, 0.3544, 0.3454



71.7718, 0.2793, 0.3289



71.7718, 0.3304, 0.3108

Square

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



71.7718, 0.2793, 0.3289



71.7718, 0.2895, 0.2938



71.7718, 0.3472, 0.3277



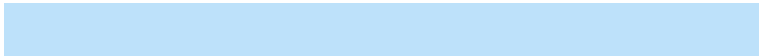
71.7718, 0.3355, 0.3662

Rectangle

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



71.7718, 0.2793, 0.3289



71.7718, 0.2741, 0.3011



71.7718, 0.3472, 0.3277



71.7718, 0.3528, 0.3556

Sweetspot

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



71.7747, 0.2793, 0.3289



96.7703, 0.3018, 0.3290



69.3814, 0.3103, 0.3921



20.6563, 0.3009, 0.3290



0.0000, 0.0000, 0.0000



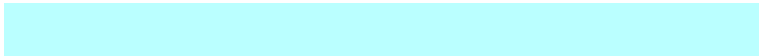
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7747, 0.2793, 0.3289



89.1978, 0.2732, 0.3289



58.7952, 0.2770, 0.2991



16.3364, 0.2982, 0.3290



35.2745, 0.2247, 0.3287



2.6067, 0.2247, 0.3287

Inverse Universe

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



51.9022, 0.3590, 0.3291



59.9926, 0.3715, 0.3292



62.8261, 0.3529, 0.3572



14.3680, 0.3293, 0.3291



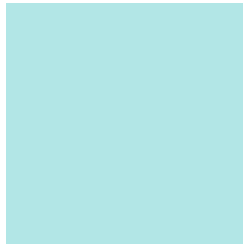
9.5242, 0.6401, 0.3300



0.7038, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 71.7718, 0.2793, 0.3289 looks on a white background.

Color Contrast Check

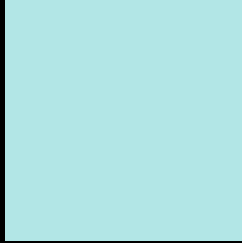
Large Text (above 18pt) WCAG AA × Fail

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 71.7718, 0.2793, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

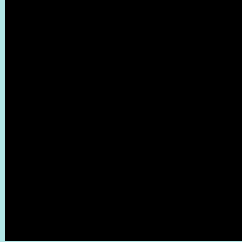
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

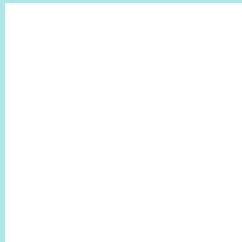
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7718, 0.2793, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 71.7718, 0.2793, 0.3289.

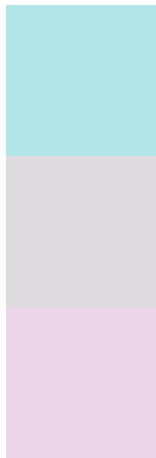


This preview shows how white text looks on a background with the Yxy color 71.7718, 0.2793, 0.3289.

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

71.7718, 0.2793, 0.3289

Protanopia

71.5203, 0.3122, 0.3247

Deuteranopia

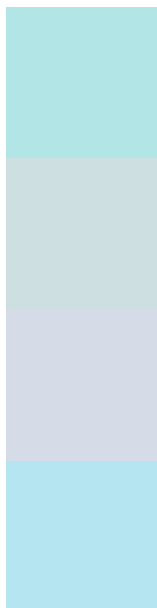
71.1339, 0.3152, 0.3081



Tritanopia

71.9644, 0.2721, 0.3087

Trichromacy



Original Color

71.7718, 0.2793, 0.3289

Protanomaly

71.3882, 0.2991, 0.3256

Deuteranomaly

70.7854, 0.3008, 0.3148

Tritanomaly

72.0332, 0.2749, 0.3164

Monochromacy



Original Color

71.7718, 0.2793, 0.3289

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.7712, 0.2994, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7718, 0.2793, 0.3289 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(178, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 230, 230)  
}
```

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(178, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 230, 230) }
```

Border

The CSS property to change the border of an element to Yxy 71.7718, 0.2793, 0.3289 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(178, 230, 230) }
```

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

```
.border{ border-color:rgb(178, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 230,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7718, 0.2793, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 230, 230) }
```

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

```
.background{ background-color: rgb(178,  
230, 230) }
```

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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