

Converting Colors

$Yxy(73.9343, 0.2785, 0.3294)$

Have a look what the booklet for
Yxy(73.9343, 0.2785, 0.3294)
contains.

Yxy(73.7447, 0.2785, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.7447, 0.2785, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B3E9E9
RGB	179, 233, 233
RGB Percent	70%, 91%, 91%
CMY	0.2978, 0.0863, 0.0863
CMYK	0.23, 0.00, 0.00, 0.09
HSL	180°, 55%, 81%
HSV	180°, 23%, 91%
XYZ	62.4442, 73.7447, 88.0273
YIQ	216.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

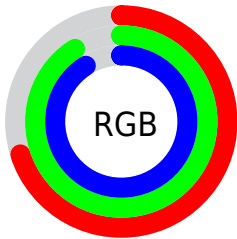
Format	Color
R _Y B	179, 206, 233
Decimal	11790825
CIE Lab	88.80, -17.07, -5.62
CIE LCh	89, 17.969, 198.236
Yxy	73.7447, 0.2785, 0.3289
Android (android.graphics.Color)	4289980905 (0xFFB3E9E9)
YUV	216.8540, 7.9600, -33.1980
Hunter-Lab	85.8747, -20.4837, -0.6638

Details

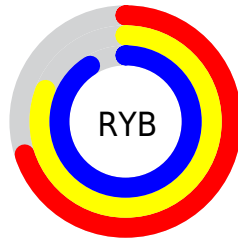
The Yxy color **73.7447, 0.2785, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **52.8394, 0.3605, 0.3291**, and the grayscale version is **69.2513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **38.9786, 0.2710, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **71.2010, 0.2656, 0.3289**, and if you desaturate by 10%, it is **76.7635, 0.2927, 0.3289**.

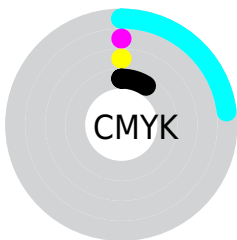
Distribution



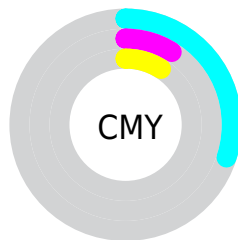
- Red (70%)
- Green (91%)
- Blue (91%)



- Red (70%)
- Yellow (81%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7447, 0.2785, 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 73.7447, 0.2785, 0.3289 by changing the saturation by 10% instead.

 73.7447, 0.2785,
0.3289

 73.7447, 0.2785,
0.3289


473.5918, 0.2942,
0.3292

 54.5851, 0.2750,
0.3288


 124.5338, 0.2839,
0.3290

 39.0696, 0.2706,
0.3286


156.9322, 0.2860,
0.3291

 26.8139, 0.2652,
0.3284


194.5122, 0.2878,
0.3291

 17.4335, 0.2581,
0.3281

237.6583, 0.2894,
0.3291

 10.5441, 0.2485,
0.3274

286.7550, 0.2908,
0.3291

 5.7611, 0.2350,
0.3263

342.1865, 0.2921,

 2.7004, 0.2144,

0.3291

404.3373, 0.2932,
0.3291

0.3240

0.9774, 0.1682,
0.3227

0.0000, 0.0000,
0.0000

73.7447, 0.2785,
0.3289

73.7447, 0.2785,
0.3289

71.2010, 0.2656,
0.3289

76.7635, 0.2927,
0.3289

69.0999, 0.2543,
0.3288

80.2702, 0.3078,
0.3290

67.4187, 0.2447,
0.3288

84.2885, 0.3236,
0.3290

66.1292, 0.2370,
0.3288

85.4185, 0.3278,
0.3290

65.1999, 0.2313,
0.3288

85.4185, 0.3278,
0.3290

64.5940, 0.2275,
0.3288

85.4186, 0.3278,
0.3290

64.2674, 0.2254,
0.3288

85.4187, 0.3278,
0.3290

64.1576, 0.2247,
0.3288

85.4187, 0.3278,
0.3290

85.4188, 0.3278,
0.3290

Harmonies

Analogous

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



73.7447, 0.2942, 0.3487



73.7447, 0.2785, 0.3289



73.7447, 0.2718, 0.3099

Triad

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



73.7447, 0.2785, 0.3289



73.7447, 0.3090, 0.2978



73.7447, 0.3510, 0.3604

Complementary

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



73.7447, 0.2785, 0.3289



52.8394, 0.3605, 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.



73.7447, 0.3555, 0.3458



73.7447, 0.2785, 0.3289



73.7447, 0.3308, 0.3103

Square

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



73.7447, 0.2785, 0.3289



73.7447, 0.2889, 0.2929



73.7447, 0.3480, 0.3276



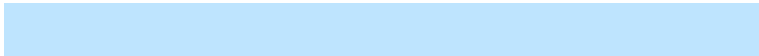
73.7447, 0.3361, 0.3671

Rectangle

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



73.7447, 0.2785, 0.3289



73.7447, 0.2731, 0.3005



73.7447, 0.3480, 0.3276



73.7447, 0.3538, 0.3562

Sweetspot

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



73.7477, 0.2785, 0.3289



96.7703, 0.3018, 0.3290



71.2291, 0.3103, 0.3940



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.



73.7477, 0.2785, 0.3289



88.8808, 0.2719, 0.3289



60.0600, 0.2761, 0.2982



17.1219, 0.2981, 0.3290



36.4060, 0.2247, 0.3288



2.8587, 0.2247, 0.3288

Inverse Universe

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



52.8394, 0.3605, 0.3291



58.8191, 0.3744, 0.3292



64.3011, 0.3541, 0.3579



15.0541, 0.3293, 0.3290



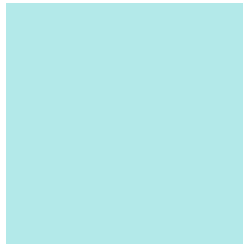
9.8298, 0.6401, 0.3300



0.7719, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 73.7447, 0.2785, 0.3289 looks on a white background.

Color Contrast Check

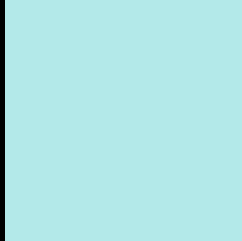
Large Text (above 18pt) WCAG AA × Fail

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 73.7447, 0.2785, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

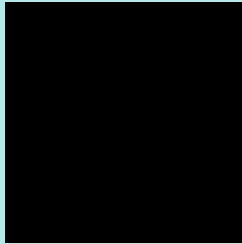
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7447, 0.2785, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 73.7447, 0.2785, 0.3289.

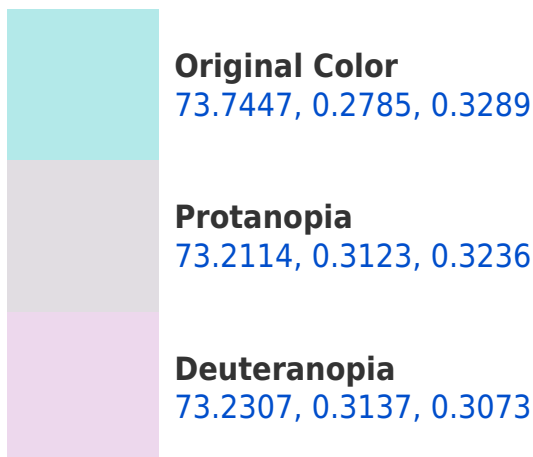


This preview shows how white text looks on a background with the Yxy color 73.7447, 0.2785, 0.3289.

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





Tritanopia

73.9365, 0.2714, 0.3089

Trichromacy



Original Color

73.7447, 0.2785, 0.3289

Protanomaly

72.9175, 0.2986, 0.3246

Deuteranomaly

72.8976, 0.2996, 0.3139

Tritanomaly

74.0080, 0.2741, 0.3165

Monochromacy



Original Color

73.7447, 0.2785, 0.3289

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.7996, 0.2989, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7447, 0.2785, 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(179, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(179, 233, 233)  
}
```

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(179, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 233, 233) }
```

Border

The CSS property to change the border of an element to Yxy 73.7447, 0.2785, 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(179, 233, 233) }
```

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

```
.border{ border-color:rgb(179, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(179, 233,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7447, 0.2785, 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(179, 233, 233) }
```

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

```
.background{ background-color: rgb(179,  
233, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor