

Converting Colors

$Yxy(76.3371, 0.2881, 0.3300)$

Have a look what the booklet for
Yxy(76.3371, 0.2881, 0.3300)
contains.

Yxy(76.3309, 0.2881, 0.3300)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.3309, 0.2881, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	C3EAE9
RGB	195, 234, 233
RGB Percent	76%, 92%, 91%
CMY	0.2353, 0.0823, 0.0861
CMYK	0.17, 0.00, 0.00, 0.08
HSL	179°, 48%, 84%
HSV	179°, 17%, 92%
XYZ	66.6392, 76.3309, 88.3357
YIQ	222.2250, -22.9230, -8.5790

Conversions

Conversions Part 2

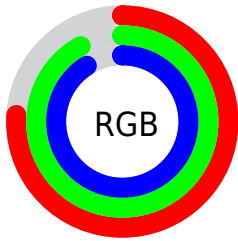
Format	Color
R _Y B	195, 215, 234
Decimal	12839657
CIE Lab	90.01, -12.76, -3.75
CIE LCh	90, 13.303, 196.383
Yxy	76.3309, 0.2881, 0.3300
Android (android.graphics.Color)	4291029737 (0xFFC3EAE9)
YUV	222.2250, 5.3121, -23.8763
Hunter-Lab	87.3676, -16.7432, 1.2103

Details

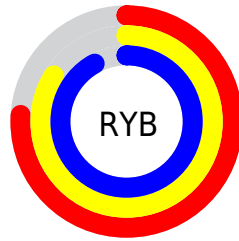
The Yxy color **76.3309, 0.2881, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.5060, 0.3438, 0.3280**, and the grayscale version is **73.1907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **40.6778, 0.2830, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **73.4242, 0.2746, 0.3307**, and if you desaturate by 10%, it is **79.7324, 0.3026, 0.3294**.

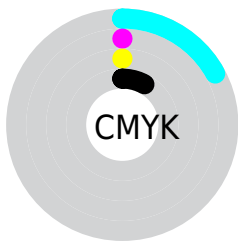
Distribution



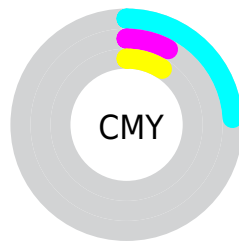
- Red (76%)
- Green (92%)
- Blue (91%)



- Red (76%)
- Yellow (84%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3309, 0.2881, 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 76.3309, 0.2881, 0.3300 by changing the saturation by 10% instead.

■ 76.3309, 0.2881,
0.3300

■ 76.3309, 0.2881,
0.3300

■ 482.4797, 0.2993,
0.3296

■ 56.7039, 0.2856,
0.3301

■ 128.1945, 0.2920,
0.3299

■ 40.7675, 0.2825,
0.3301

■ 161.2000, 0.2935,
0.3299

■ 28.1375, 0.2786,
0.3302

■ 199.4336, 0.2948,
0.3298

■ 18.4293, 0.2735,
0.3302

■ 243.2800, 0.2959,
0.3298

■ 11.2587, 0.2667,
0.3302

■ 293.1233, 0.2969,
0.3297

■ 6.2411, 0.2570,
0.3301

■ 349.3481, 0.2978,

■ 2.9922, 0.2422,

0.3297

412.3388, 0.2986,
0.3297

0.3297

1.1277, 0.2162,
0.3286

0.0014, 0.0000,
0.0053

76.3309, 0.2881,
0.3300

76.3309, 0.2881,
0.3300

73.4242, 0.2746,
0.3307

79.7324, 0.3026,
0.3294

70.9803, 0.2625,
0.3314


83.6405, 0.3179,
0.3288


68.9777, 0.2519,
0.3322


86.0925, 0.3265,
0.3283


67.3898, 0.2432,
0.3329

86.1261, 0.3261,
0.3277

 66.1870, 0.2363,
0.3337


 86.1599, 0.3258,
0.3271


 65.3356, 0.2314,
0.3346


 86.1937, 0.3254,
0.3266


 64.7966, 0.2284,
0.3354

 86.2277, 0.3250,
0.3260

 64.5201, 0.2270,
0.3362

 86.2617, 0.3246,
0.3254

 64.4590, 0.2268,
0.3364

 86.2959, 0.3243,
0.3249

Harmonies

Analogous

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



76.3309, 0.3001, 0.3441



76.3309, 0.2881, 0.3300



76.3309, 0.2826, 0.3160

Triad

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



76.3309, 0.2881, 0.3300



76.3309, 0.3091, 0.3055



76.3309, 0.3411, 0.3516

Complementary

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



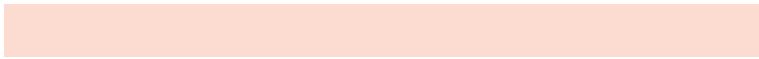
76.3309, 0.2881, 0.3300



60.5060, 0.3438, 0.3280

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.



76.3309, 0.3438, 0.3408



76.3309, 0.2881, 0.3300



76.3309, 0.3251, 0.3145

Square

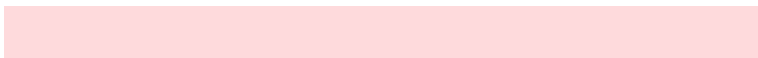
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3309, 0.2881, 0.3300



76.3309, 0.2945, 0.3024



76.3309, 0.3379, 0.3273



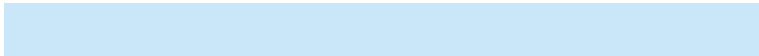
76.3309, 0.3307, 0.3567

Rectangle

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



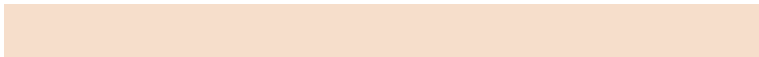
76.3309, 0.2881, 0.3300



76.3309, 0.2833, 0.3087



76.3309, 0.3379, 0.3273



76.3309, 0.3430, 0.3485

Sweetspot

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



76.3341, 0.2881, 0.3300



97.6411, 0.3051, 0.3293



74.5629, 0.3115, 0.3739



20.8310, 0.3040, 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.



76.3341, 0.2881, 0.3300



91.4960, 0.2834, 0.3302



66.5519, 0.2866, 0.3083



17.1150, 0.2985, 0.3296



36.2245, 0.2268, 0.3363



2.8466, 0.2264, 0.3352

Inverse Universe

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



60.5060, 0.3438, 0.3280



68.8664, 0.3517, 0.3278



69.1221, 0.3413, 0.3488



15.0601, 0.3289, 0.3285



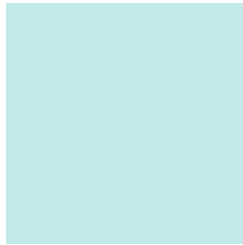
9.8397, 0.6374, 0.3285



0.7748, 0.6301, 0.3245

Previews

White Background



This preview shows how the Yxy color 76.3309, 0.2881, 0.3300 looks on a white background.

Color Contrast Check

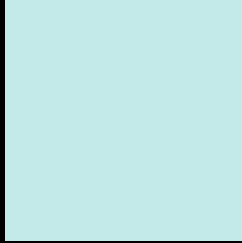
Large Text (above 18pt) WCAG AA × Fail

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 76.3309, 0.2881, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

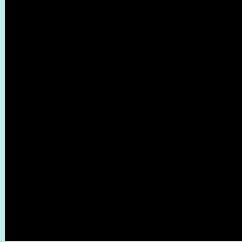
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

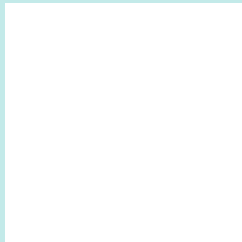
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3309, 0.2881, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 76.3309, 0.2881, 0.3300.

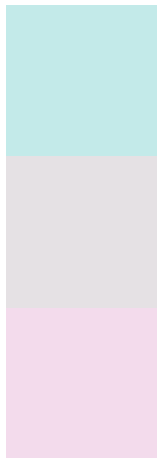


This preview shows how white text looks on a background with the Yxy color 76.3309, 0.2881, 0.3300.

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

76.3309, 0.2881, 0.3300

Protanopia

76.1099, 0.3136, 0.3258

Deuteranopia

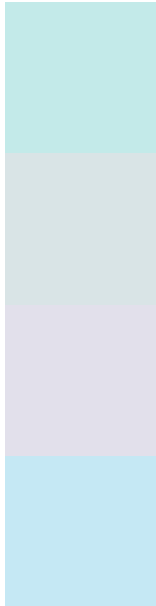
75.7739, 0.3185, 0.3117



Tritanopia

76.0597, 0.2802, 0.3084

Trichromacy



Original Color

76.3309, 0.2881, 0.3300

Protanomaly

75.9517, 0.3040, 0.3268

Deuteranomaly

75.4782, 0.3070, 0.3174

Tritanomaly

76.1152, 0.2830, 0.3158

Monochromacy



Original Color

76.3309, 0.2881, 0.3300

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.8807, 0.3031, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3309, 0.2881, 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(195, 234, 233)` looks like.

```
.text, #text, p{  
    color:rgb(195, 234, 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(195, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 234, 233) }
```

Border

The CSS property to change the border of an element to Yxy 76.3309, 0.2881, 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(195, 234, 233) }
```

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

```
.border{ border-color:rgb(195, 234, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(195, 234,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3309, 0.2881, 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(195, 234, 233) }
```

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

```
.background{ background-color: rgb(195,  
234, 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](#).

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