

Converting Colors

Yxy(78.4317, 0.2975, 0.3293)

Have a look what the booklet for
Yxy(78.4317, 0.2975, 0.3293)
contains.

Yxy(78.4878, 0.2970, 0.3290)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.4878, 0.2970, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	D2EAEA
RGB	210, 234, 234
RGB Percent	82%, 92%, 92%
CMY	0.1763, 0.0823, 0.0825
CMYK	0.10, 0.00, 0.00, 0.08
HSL	180°, 36%, 87%
HSV	180°, 10%, 92%
XYZ	70.8537, 78.4878, 89.2232
YIQ	226.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

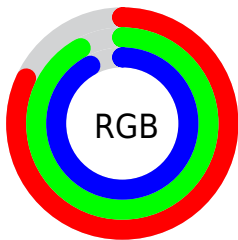
Format	Color
R _Y B	210, 222, 234
Decimal	13822698
CIE Lab	91.00, -7.85, -2.67
CIE LCh	91, 8.295, 198.771
Yxy	78.4878, 0.2970, 0.3290
Android (android.graphics.Color)	4292012778 (0xFFD2EAEA)
YUV	226.8240, 3.5378, -14.7546
Hunter-Lab	88.5933, -12.2805, 2.3038

Details

The Yxy color **78.4878, 0.2970, 0.3290** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.2590, 0.3308, 0.3290**, and the grayscale version is **76.6668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0237, 0.2933, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **75.3006, 0.2825, 0.3290**, and if you desaturate by 10%, it is **82.1838, 0.3123, 0.3290**.

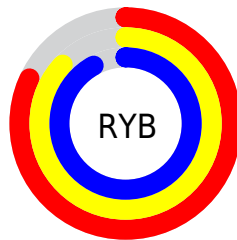
Distribution



Red (82%)

Green (92%)

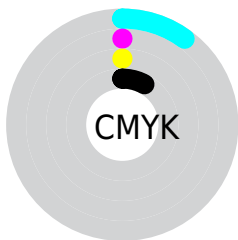
Blue (92%)



Red (82%)

Yellow (87%)

Blue (92%)

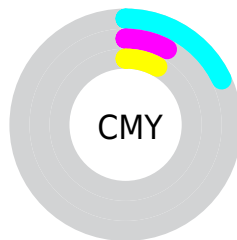


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (18%)


Magenta (8%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.4878, 0.2970, 0.3290 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 78.4878, 0.2970, 0.3290 by changing the saturation by 10% instead.


 78.4878, 0.2970,
0.3290

 78.4878, 0.2970,
0.3290


489.8219, 0.3042,
0.3291

 58.4748, 0.2954,
0.3290


131.2375, 0.2995,
0.3290

 42.1905, 0.2934,
0.3289


164.7430, 0.3004,
0.3290

 29.2505, 0.2909,
0.3289


203.5148, 0.3013,
0.3290

 19.2704, 0.2877,
0.3288

247.9373, 0.3020,
0.3290

 11.8658, 0.2834,
0.3287

298.3949, 0.3026,
0.3290

 6.6524, 0.2773,
0.3285

355.2719, 0.3032,

 3.2457, 0.2680,

0.3290

418.9527, 0.3037,
0.3290

0.3281

1.2613, 0.2521,
0.3270

0.1109, 0.0000,
0.2652

78.4878, 0.2970,
0.3290

78.4878, 0.2970,
0.3290

75.3006, 0.2825,
0.3290

82.1838, 0.3123,
0.3290

72.5907, 0.2693,
0.3290


86.0498, 0.3270,
0.3290

70.3379, 0.2575,
0.3291

86.0523, 0.3270,
0.3290


68.5172, 0.2474,
0.3291


86.0548, 0.3269,
0.3289

 67.1008, 0.2391,
0.3291

 86.0574, 0.3269,
0.3289

 66.0579, 0.2329,
0.3292


 86.0599, 0.3269,
0.3288

 65.3531, 0.2285,
0.3292

 86.0625, 0.3268,
0.3288

 64.9446, 0.2260,
0.3293

 86.0650, 0.3268,
0.3287

 64.7619, 0.2248,
0.3293

 86.0675, 0.3268,
0.3287

Harmonies

Analogous

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



78.4878, 0.3043, 0.3377



78.4878, 0.2970, 0.3290



78.4878, 0.2939, 0.3205

Triad

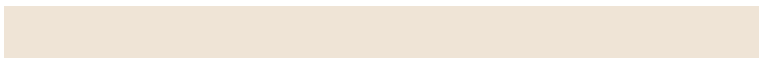
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4878, 0.2970, 0.3290



78.4878, 0.3114, 0.3147



78.4878, 0.3299, 0.3435

Complementary

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



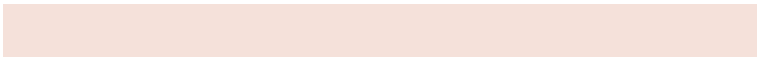
78.4878, 0.2970, 0.3290



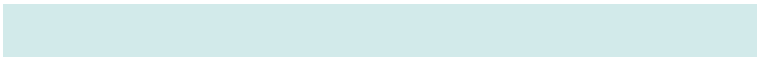
68.2590, 0.3308, 0.3290

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.



78.4878, 0.3319, 0.3371



78.4878, 0.2970, 0.3290



78.4878, 0.3211, 0.3206

Square

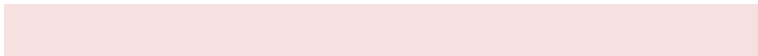
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



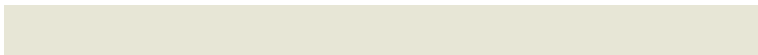
78.4878, 0.2970, 0.3290



78.4878, 0.3021, 0.3124



78.4878, 0.3287, 0.3287



78.4878, 0.3232, 0.3461

Rectangle

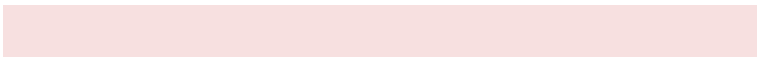
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



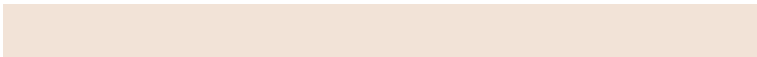
78.4878, 0.2970, 0.3290



78.4878, 0.2946, 0.3161



78.4878, 0.3287, 0.3287



78.4878, 0.3311, 0.3417

Sweetspot

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



78.4911, 0.2970, 0.3290



98.5769, 0.3080, 0.3290



77.2666, 0.3117, 0.3555



21.0202, 0.3068, 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.



78.4911, 0.2970, 0.3290



94.6476, 0.2943, 0.3290



72.1112, 0.2968, 0.3163



17.1214, 0.2982, 0.3290



36.3923, 0.2248, 0.3293



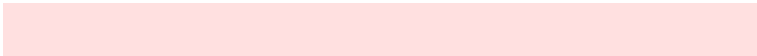
2.8578, 0.2248, 0.3292

Inverse Universe

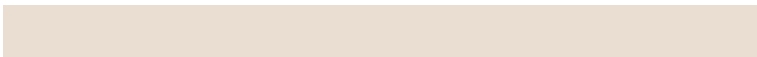
The Inverse Universe completely reimagines the original color for something new.



68.2590, 0.3308, 0.3290



80.1933, 0.3345, 0.3290



74.1872, 0.3294, 0.3414



15.0545, 0.3293, 0.3290



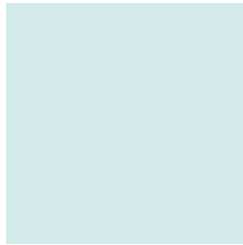
9.8306, 0.6399, 0.3299



0.7721, 0.6393, 0.3295

Previews

White Background



This preview shows how the Yxy color 78.4878, 0.2970, 0.3290 looks on a white background.

Color Contrast Check

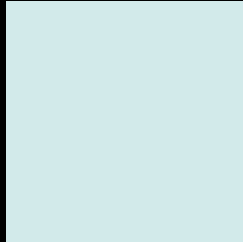
Large Text (above 18pt) WCAG AA × Fail

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 78.4878, 0.2970, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

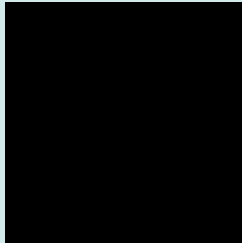
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

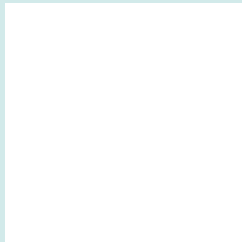
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.4878, 0.2970, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 78.4878, 0.2970, 0.3290.

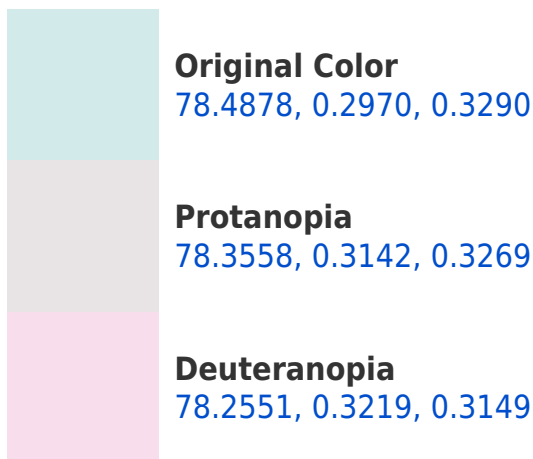


This preview shows how white text looks on a background with the Yxy color 78.4878, 0.2970, 0.3290.

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

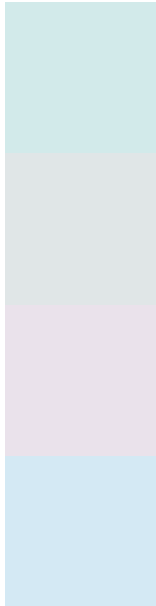




Tritanopia

78.7615, 0.2895, 0.3100

Trichromacy



Original Color

78.4878, 0.2970, 0.3290

Protanomaly

78.2104, 0.3080, 0.3279

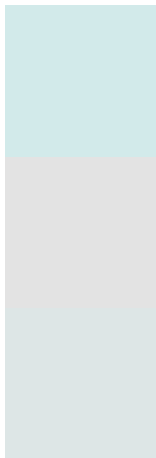
Deuteranomaly

77.8833, 0.3125, 0.3197

Tritanomaly

78.8065, 0.2924, 0.3173

Monochromacy



Original Color

78.4878, 0.2970, 0.3290

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.6790, 0.3066, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4878, 0.2970, 0.3290 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(210, 234, 234)` looks like.

```
.text, #text, p{  
    color:rgb(210, 234, 234)  
}
```

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(210, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 234, 234) }
```

Border

The CSS property to change the border of an element to Yxy 78.4878, 0.2970, 0.3290 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(210, 234, 234) }
```

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

```
.border{ border-color:rgb(210, 234, 234) }
```

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

Here you see how a box with a 4 pixel rgb(210, 234, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(210, 234,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4878, 0.2970, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 234, 234) }
```

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

```
.background{ background-color: rgb(210,  
234, 234) }
```

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