

Converting Colors

$Yxy(78.3006, 0.2846, 0.3287)$

Have a look what the booklet for
Yxy(78.3006, 0.2846, 0.3287)
contains.

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Color

Yxy(78.0789, 0.2843, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C1EDEE
RGB	193, 237, 238
RGB Percent	76%, 93%, 93%
CMY	0.2430, 0.0706, 0.0666
CMYK	0.19, 0.00, 0.00, 0.07
HSL	181°, 57%, 85%
HSV	181°, 19%, 93%
XYZ	67.7176, 78.0789, 92.3942
YIQ	223.9580, -26.5450, -9.0170

Conversions

Conversions Part 2

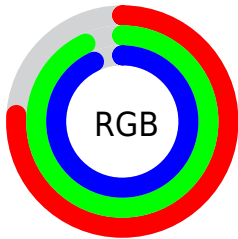
Format	Color
RYB	193, 215, 238
Decimal	12709358
CIELab	90.82, -13.84, -5.18
CIELCh	91, 14.780, 200.523
Yxy	78.0789, 0.2843, 0.3278
Android (android.graphics.Color)	4290899438 (0xFFC1EDEE)
YUV	223.9580, 6.9227, -27.1502
Hunter-Lab	88.3623, -17.8381, -0.1418

Details

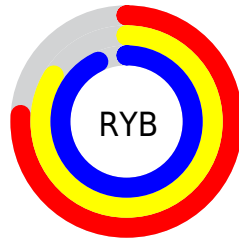
The Yxy color **78.0789, 0.2843, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.6389, 0.3496, 0.3302**, and the grayscale version is **74.4810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **41.9141, 0.2782, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **74.8912, 0.2707, 0.3271**, and if you desaturate by 10%, it is **81.7773, 0.2990, 0.3285**.

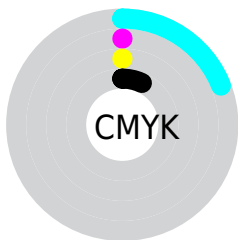
Distribution



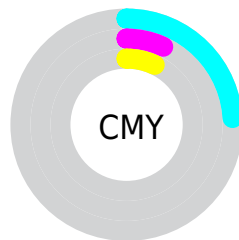
- Red (76%)
- Green (93%)
- Blue (93%)



- Red (76%)
- Yellow (84%)
- Blue (93%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)





- Cyan (24%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.0789, 0.2843, 0.3278 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 78.0789, 0.2843, 0.3278 by changing the saturation by 10% instead.

 78.0789, 0.2843,
0.3278

 78.0789, 0.2843,
0.3278

488.4347, 0.2972,
0.3285

 58.1388, 0.2814,
0.3276


 130.6613, 0.2887,
0.3281

 41.9202, 0.2779,
0.3274

164.0725, 0.2905,
0.3282

 29.0388, 0.2735,
0.3270


202.7427, 0.2920,
0.3282

 19.1102, 0.2677,
0.3265

247.0565, 0.2933,
0.3283

 11.7499, 0.2601,
0.3258

297.3982, 0.2944,
0.3284

 6.5736, 0.2493,
0.3246

354.1522, 0.2954,

 3.1969, 0.2331,

0.3284

417.7029, 0.2964,
0.3285

0.3225

1.2354, 0.2059,
0.3179

0.0903, 0.0000,
0.1639

78.0789, 0.2843,
0.3278

78.0789, 0.2843,
0.3278

74.8912, 0.2707,
0.3271

81.7773, 0.2990,
0.3285

72.1807, 0.2585,
0.3264

85.9992, 0.3145,
0.3291

69.9244, 0.2479,
0.3256

88.9331, 0.3240,
0.3296

68.0940, 0.2391,
0.3249

89.2464, 0.3240,
0.3301


 66.6577, 0.2323,
0.3241


 89.5606, 0.3239,
0.3307


 65.5795, 0.2274,
0.3233

 89.8757, 0.3239,
0.3312

 64.8167, 0.2244,
0.3226

 90.1918, 0.3238,
0.3317

 64.3051, 0.2229,
0.3219

 90.5088, 0.3238,
0.3322

 64.2545, 0.2227,
0.3218

 90.8267, 0.3237,
0.3327

Harmonies

Analogous

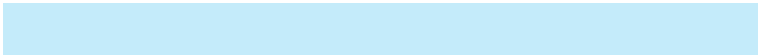
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0789, 0.2966, 0.3437



78.0789, 0.2843, 0.3278



78.0789, 0.2794, 0.3128

Triad

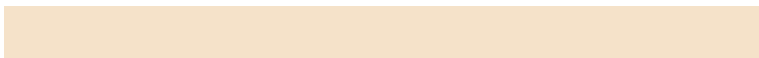
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.0789, 0.2843, 0.3278



78.0789, 0.3112, 0.3042



78.0789, 0.3429, 0.3551

Complementary

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



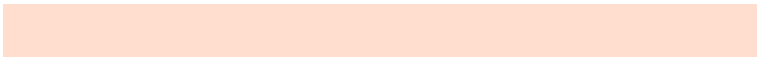
78.0789, 0.2843, 0.3278



60.6389, 0.3496, 0.3302

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.



78.0789, 0.3472, 0.3438



78.0789, 0.2843, 0.3278



78.0789, 0.3286, 0.3148

Square

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



78.0789, 0.2843, 0.3278



78.0789, 0.2946, 0.2997



78.0789, 0.3419, 0.3291



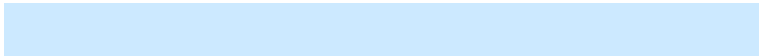
78.0789, 0.3305, 0.3597

Rectangle

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



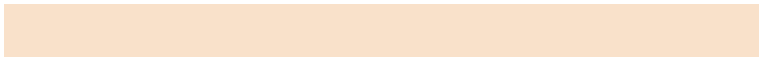
78.0789, 0.2843, 0.3278



78.0789, 0.2810, 0.3053



78.0789, 0.3419, 0.3291



78.0789, 0.3454, 0.3520

Sweetspot

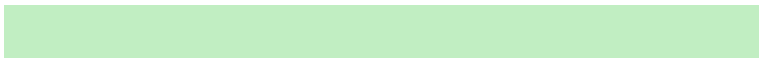
The Sweet Spot groups the original color and five complimentary colors.



78.0821, 0.2843, 0.3278



96.9934, 0.3034, 0.3286



76.3818, 0.3098, 0.3799



20.6935, 0.3024, 0.3286



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.



78.0821, 0.2843, 0.3278



89.6838, 0.2784, 0.3275



66.0036, 0.2829, 0.3027



17.8643, 0.2981, 0.3284



35.8728, 0.2228, 0.3219



3.0035, 0.2230, 0.3229

Inverse Universe

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



62.4519, 0.3157, 0.2831



68.0333, 0.3163, 0.2728



71.2831, 0.3452, 0.3540



16.0249, 0.3141, 0.3063



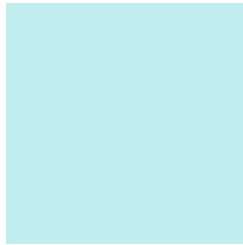
13.4147, 0.3266, 0.1573



1.1179, 0.3258, 0.1568

Previews

White Background



This preview shows how the Yxy color 78.0789, 0.2843, 0.3278 looks on a white background.

Color Contrast Check

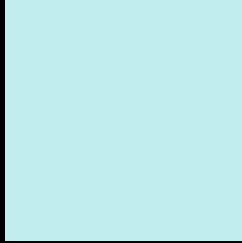
Large Text (above 18pt) WCAG AA × Fail

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 78.0789, 0.2843, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

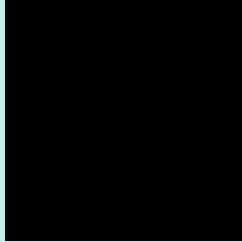
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

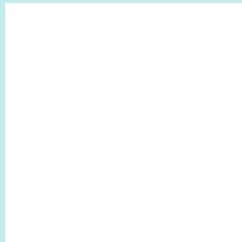
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0789, 0.2843, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 78.0789, 0.2843, 0.3278.

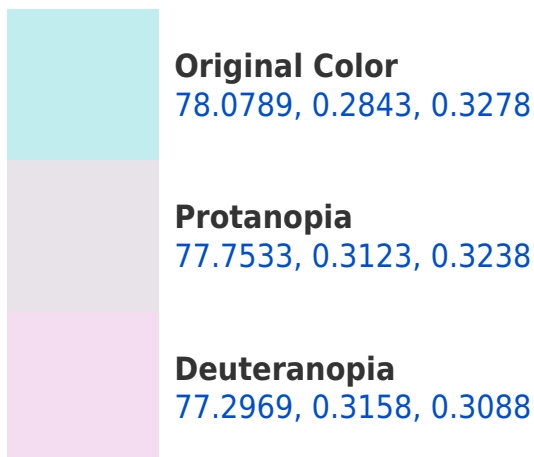


This preview shows how white text looks on a background with the Yxy color 78.0789, 0.2843, 0.3278.

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

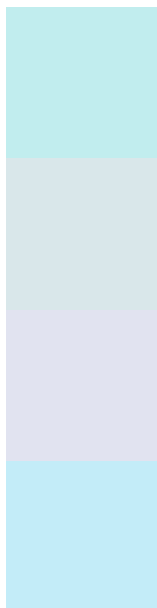




Tritanopia

78.2443, 0.2777, 0.3095

Trichromacy



Original Color

78.0789, 0.2843, 0.3278

Protanomaly

77.8441, 0.3015, 0.3258

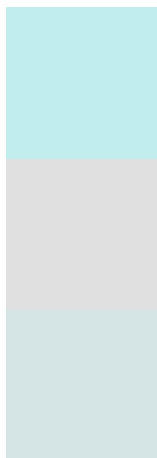
Deuteranomaly

77.2370, 0.3032, 0.3154

Tritanomaly

78.3703, 0.2799, 0.3159

Monochromacy



Original Color

78.0789, 0.2843, 0.3278

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.8419, 0.3019, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0789, 0.2843, 0.3278 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, 237, 238)` looks like.

```
.text, #text, p{  
    color:rgb(193, 237, 238)  
}
```

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, 237, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 237, 238) }
```

Border

The CSS property to change the border of an element to Yxy 78.0789, 0.2843, 0.3278 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, 237, 238) }
```

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

```
.border{ border-color:rgb(193, 237, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 237, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 237, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 237, 238);  
box-shadow:4px 4px 4px 4px rgb(193, 237,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0789, 0.2843, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 237, 238) }
```

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

```
.background{ background-color: rgb(193,  
237, 238) }
```

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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