

Converting Colors

$Yxy(78.6923, 0.2894, 0.3283)$

Have a look what the booklet for
Yxy(78.6923, 0.2894, 0.3283)
contains.

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Color

Yxy(78.5228, 0.2896, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C9ECED
RGB	201, 236, 237
RGB Percent	79%, 93%, 93%
CMY	0.2118, 0.0745, 0.0704
CMYK	0.15, 0.00, 0.00, 0.07
HSL	182°, 50%, 86%
HSV	182°, 15%, 93%
XYZ	69.3722, 78.5228, 91.6499
YIQ	225.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

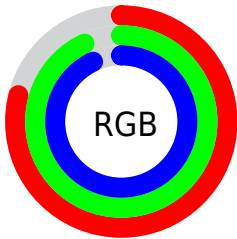
Format	Color
R _Y B	201, 219, 237
Decimal	13233389
CIE Lab	91.02, -11.10, -4.32
CIE LCh	91, 11.917, 201.272
Yxy	78.5228, 0.2896, 0.3278
Android (android.graphics.Color)	4291423469 (0xFFC9ECED)
YUV	225.6490, 5.5960, -21.6172
Hunter-Lab	88.6131, -15.3313, 0.7073

Details

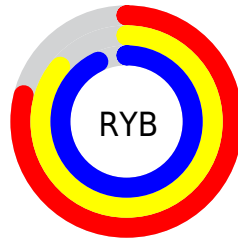
The Yxy color **78.5228, 0.2896, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.4851, 0.3411, 0.3302**, and the grayscale version is **75.7598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1818, 0.2849, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **75.0985, 0.2755, 0.3269**, and if you desaturate by 10%, it is **82.4620, 0.3046, 0.3286**.

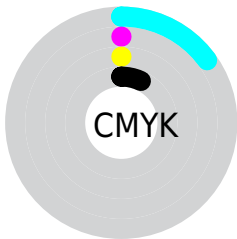
Distribution



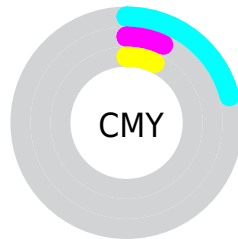
- Red (79%)
- Green (93%)
- Blue (93%)



- Red (79%)
- Yellow (86%)
- Blue (93%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.5228, 0.2896, 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 78.5228, 0.2896, 0.3278 by changing the saturation by 10% instead.

■ 78.5228, 0.2896,
0.3278

■ 78.5228, 0.2896,
0.3278

489.9405, 0.3001,
0.3284

■ 58.5035, 0.2872,
0.3276

131.2868, 0.2932,
0.3280

■ 42.2136, 0.2844,
0.3274

164.8004, 0.2946,
0.3281

■ 29.2686, 0.2808,
0.3271

203.5809, 0.2958,
0.3282

■ 19.2841, 0.2761,
0.3267

248.0127, 0.2969,
0.3283

■ 11.8757, 0.2698,
0.3261

298.4801, 0.2978,
0.3283

■ 6.6591, 0.2610,
0.3252

355.3676, 0.2987,

■ 3.2498, 0.2477,

0.3284

0.3235

419.0596, 0.2994,
0.3284

1.2635, 0.2252,
0.3200

0.1127, 0.0000,
0.2096

78.5228, 0.2896,
0.3278

78.5228, 0.2896,
0.3278

75.0985, 0.2755,
0.3269

82.4620, 0.3046,
0.3286

72.1562, 0.2627,
0.3260

86.9280, 0.3203,
0.3293

69.6742, 0.2514,
0.3251

88.5541, 0.3247,
0.3300

67.6252, 0.2419,
0.3241

88.9521, 0.3246,
0.3307

65.9792, 0.2343,
0.3231

89.3516, 0.3246,
0.3314

64.7023, 0.2286,
0.3222

89.7526, 0.3245,
0.3320

63.7549, 0.2248,
0.3212

90.1552, 0.3244,
0.3327

63.0884, 0.2228,
0.3203

90.5593, 0.3244,
0.3333

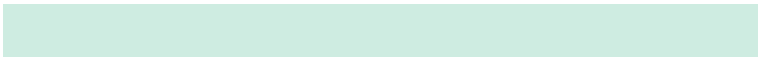
62.8324, 0.2222,
0.3198

90.9648, 0.3243,
0.3340

Harmonies

Analogous

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



78.5228, 0.2995, 0.3405



78.5228, 0.2896, 0.3278



78.5228, 0.2858, 0.3158

Triad

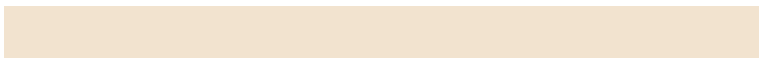
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5228, 0.2896, 0.3278



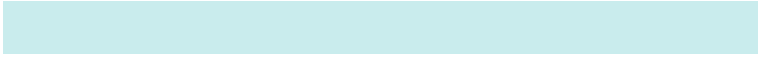
78.5228, 0.3119, 0.3091



78.5228, 0.3368, 0.3503

Complementary

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



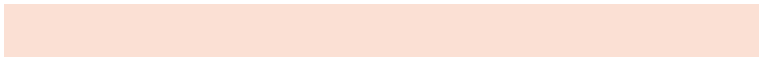
78.5228, 0.2896, 0.3278



64.4851, 0.3411, 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.



78.5228, 0.3404, 0.3413



78.5228, 0.2896, 0.3278



78.5228, 0.3258, 0.3178

Square

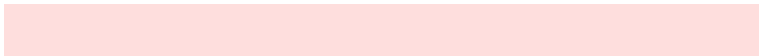
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5228, 0.2896, 0.3278



78.5228, 0.2985, 0.3053



78.5228, 0.3364, 0.3295



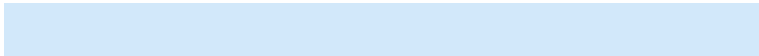
78.5228, 0.3268, 0.3536

Rectangle

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



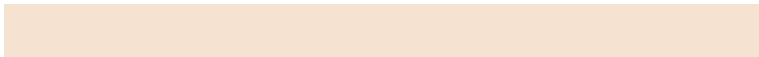
78.5228, 0.2896, 0.3278



78.5228, 0.2872, 0.3098



78.5228, 0.3364, 0.3295



78.5228, 0.3389, 0.3478

Sweetspot

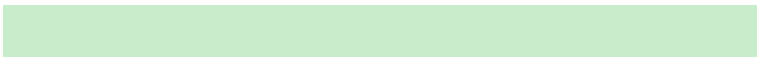
The Sweet Spot groups the original color and five complimentary colors.



78.5261, 0.2896, 0.3278



97.4277, 0.3049, 0.3286



77.2535, 0.3104, 0.3690



20.7789, 0.3038, 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.



78.5261, 0.2896, 0.3278



91.4701, 0.2855, 0.3276



68.8933, 0.2889, 0.3083



17.0432, 0.2981, 0.3283



34.3264, 0.2222, 0.3200



2.7189, 0.2226, 0.3213

Inverse Universe

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



65.8393, 0.3152, 0.2924



74.0452, 0.3157, 0.2854



73.2147, 0.3382, 0.3489



15.3059, 0.3142, 0.3064



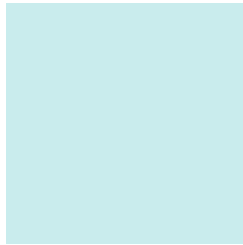
12.9581, 0.3282, 0.1582



1.0199, 0.3271, 0.1576

Previews

White Background



This preview shows how the Yxy color 78.5228, 0.2896, 0.3278 looks on a white background.

Color Contrast Check

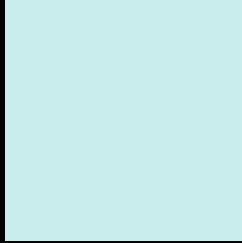
Large Text (above 18pt) WCAG AA × Fail

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 78.5228, 0.2896, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

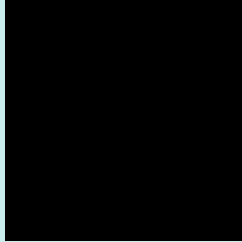
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

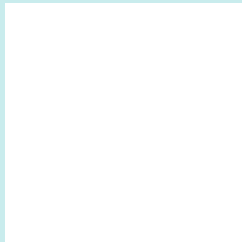
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5228, 0.2896, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 78.5228, 0.2896, 0.3278.

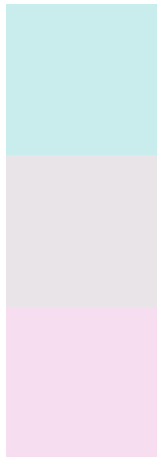


This preview shows how white text looks on a background with the Yxy color 78.5228, 0.2896, 0.3278.

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



Original Color

78.5228, 0.2896, 0.3278

Protanopia

78.4688, 0.3129, 0.3248

Deuteranopia

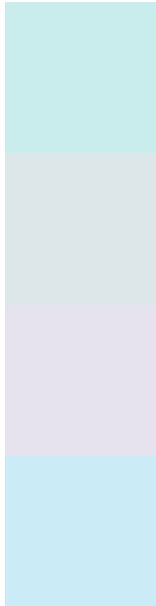
78.1267, 0.3178, 0.3109



Tritanopia

78.7113, 0.2829, 0.3098

Trichromacy



Original Color

78.5228, 0.2896, 0.3278

Protanomaly

78.4645, 0.3041, 0.3258

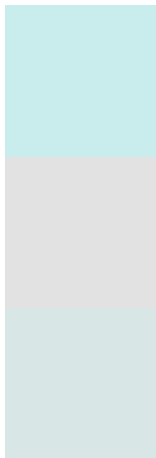
Deuteranomaly

77.9932, 0.3071, 0.3165

Tritanomaly

78.8286, 0.2852, 0.3161

Monochromacy



Original Color

78.5228, 0.2896, 0.3278

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.0585, 0.3039, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5228, 0.2896, 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(201, 236, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 236, 237)  
}
```

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(201, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 236, 237) }
```

Border

The CSS property to change the border of an element to Yxy 78.5228, 0.2896, 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(201, 236, 237) }
```

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

```
.border{ border-color:rgb(201, 236, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 236, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(201, 236,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5228, 0.2896, 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(201, 236, 237) }
```

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

```
.background{ background-color: rgb(201,  
236, 237) }
```

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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