

Converting Colors

$Yxy(78.0354, 0.2886, 0.3290)$

Have a look what the booklet for
Yxy(78.0354, 0.2886, 0.3290)
contains.

Yxy(78.0528, 0.2884, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.0528, 0.2884, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	C6ECEC
RGB	198, 236, 236
RGB Percent	78%, 93%, 93%
CMY	0.2232, 0.0746, 0.0745
CMYK	0.16, 0.00, 0.00, 0.07
HSL	180°, 50%, 85%
HSV	180°, 16%, 93%
XYZ	68.4416, 78.0528, 90.8203
YIQ	224.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

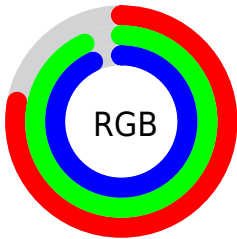
Format	Color
R _{YB}	198, 217, 236
Decimal	13036780
CIE Lab	90.80, -12.20, -4.12
CIE LCh	91, 12.882, 198.657
Yxy	78.0528, 0.2884, 0.3289
Android (android.graphics.Color)	4291226860 (0xFFC6ECEC)
YUV	224.6380, 5.6015, -23.3615
Hunter-Lab	88.3475, -16.3267, 0.8937

Details

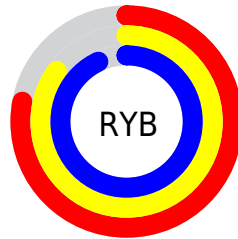
The Yxy color **78.0528, 0.2884, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.3536, 0.3432, 0.3291**, and the grayscale version is **75.0054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.8671, 0.2833, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **75.0846, 0.2746, 0.3288**, and if you desaturate by 10%, it is **81.5272, 0.3033, 0.3290**.

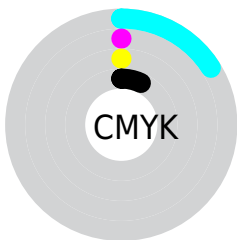
Distribution



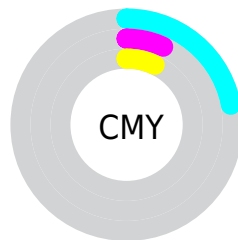
- Red (78%)
- Green (93%)
- Blue (93%)



- Red (78%)
- Yellow (85%)
- Blue (93%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.0528, 0.2884, 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 78.0528, 0.2884, 0.3289 by changing the saturation by 10% instead.

■ 78.0528, 0.2884,
0.3289

■ 78.0528, 0.2884,
0.3289

488.3461, 0.2994,
0.3291

■ 58.1174, 0.2859,
0.3288

130.6246, 0.2922,
0.3290

■ 41.9030, 0.2829,
0.3288

164.0296, 0.2937,
0.3290

■ 29.0253, 0.2791,
0.3286

202.6934, 0.2950,
0.3290

■ 19.1000, 0.2741,
0.3285

247.0002, 0.2961,
0.3290

■ 11.7426, 0.2675,
0.3281

297.3345, 0.2971,
0.3290

■ 6.5686, 0.2582,
0.3276

354.0807, 0.2980,

■ 3.1938, 0.2441,

0.3290

417.6231, 0.2987,
0.3290

0.3265

1.2337, 0.2203,
0.3240

0.0890, 0.0000,
0.1878

78.0528, 0.2884,
0.3289

78.0528, 0.2884,
0.3289

75.0846, 0.2746,
0.3288

81.5272, 0.3033,
0.3290

72.5899, 0.2621,
0.3288


85.5198, 0.3189,
0.3290


70.5470, 0.2512,
0.3287


87.3241, 0.3255,
0.3291

68.9288, 0.2422,
0.3287

87.3325, 0.3255,
0.3291

 67.7053, 0.2351,
0.3286


 87.3410, 0.3255,
0.3291

 66.8424, 0.2299,
0.3286


 87.3495, 0.3255,
0.3291

 66.3006, 0.2266,
0.3286

 87.3580, 0.3255,
0.3291

 66.0307, 0.2250,
0.3286

 87.3665, 0.3255,
0.3291

 65.9675, 0.2246,
0.3285

 87.3749, 0.3255,
0.3291

Harmonies

Analogous

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



78.0528, 0.2996, 0.3426



78.0528, 0.2884, 0.3289



78.0528, 0.2837, 0.3156

Triad

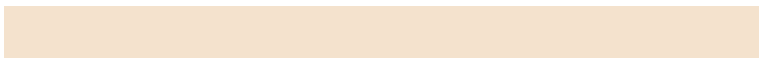
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.0528, 0.2884, 0.3289



78.0528, 0.3105, 0.3069



78.0528, 0.3395, 0.3514

Complementary

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



78.0528, 0.2884, 0.3289



62.3536, 0.3432, 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.



78.0528, 0.3427, 0.3413



78.0528, 0.2884, 0.3289



78.0528, 0.3257, 0.3159

Square

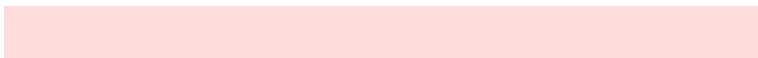
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0528, 0.2884, 0.3289



78.0528, 0.2962, 0.3034



78.0528, 0.3376, 0.3284



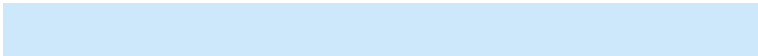
78.0528, 0.3291, 0.3557

Rectangle

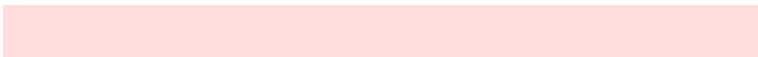
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



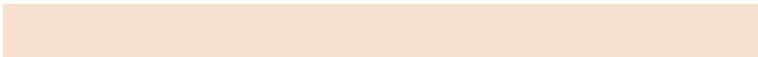
78.0528, 0.2884, 0.3289



78.0528, 0.2847, 0.3089



78.0528, 0.3376, 0.3284



78.0528, 0.3415, 0.3485

Sweetspot

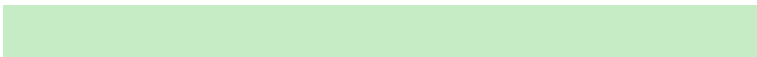
The Sweet Spot groups the original color and five complimentary colors.



78.0560, 0.2884, 0.3289



97.6564, 0.3049, 0.3290



76.0942, 0.3107, 0.3722



20.8347, 0.3038, 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.



78.0560, 0.2884, 0.3289



91.9214, 0.2841, 0.3289



67.7239, 0.2875, 0.3077



17.1202, 0.2981, 0.3289



36.3604, 0.2246, 0.3286



2.8557, 0.2246, 0.3286

Inverse Universe

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



64.3168, 0.3146, 0.2893



72.8860, 0.3150, 0.2817



71.5654, 0.3399, 0.3494



15.3136, 0.3138, 0.3058



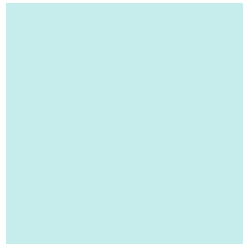
13.1634, 0.3211, 0.1542



1.0337, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 78.0528, 0.2884, 0.3289 looks on a white background.

Color Contrast Check

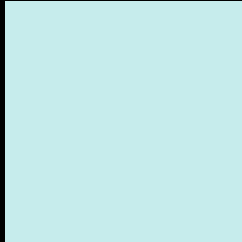
Large Text (above 18pt) WCAG AA × Fail

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 78.0528, 0.2884, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

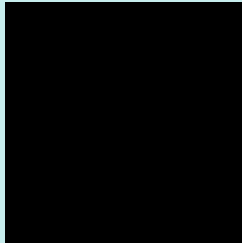
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

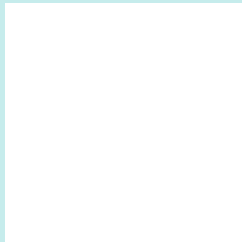
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0528, 0.2884, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 78.0528, 0.2884, 0.3289.

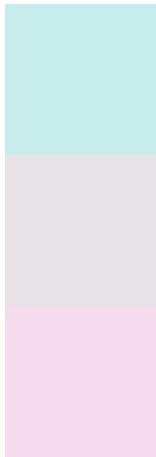


This preview shows how white text looks on a background with the Yxy color 78.0528, 0.2884, 0.3289.

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



Original Color

78.0528, 0.2884, 0.3289

Protanopia

77.6966, 0.3129, 0.3248

Deuteranopia

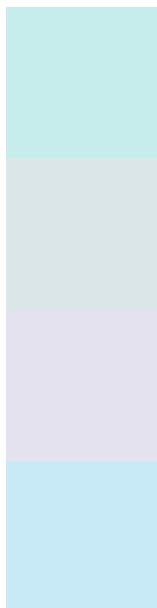
77.3574, 0.3178, 0.3108



Tritanopia

77.7236, 0.2811, 0.3086

Trichromacy



Original Color

78.0528, 0.2884, 0.3289

Protanomaly

77.5369, 0.3034, 0.3258

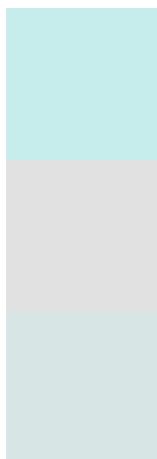
Deuteranomaly

77.0597, 0.3064, 0.3164

Tritanomaly

77.7788, 0.2839, 0.3160

Monochromacy



Original Color

78.0528, 0.2884, 0.3289

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.1428, 0.3032, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0528, 0.2884, 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(198, 236, 236)` looks like.

```
.text, #text, p{  
    color:rgb(198, 236, 236)  
}
```

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(198, 236, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 236, 236) }
```

Border

The CSS property to change the border of an element to Yxy 78.0528, 0.2884, 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(198, 236, 236) }
```

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

```
.border{ border-color:rgb(198, 236, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 236, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 236, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 236, 236);  
box-shadow:4px 4px 4px 4px rgb(198, 236,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0528, 0.2884, 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(198, 236, 236) }
```

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

```
.background{ background-color: rgb(198,  
236, 236) }
```

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