

Converting Colors

$Yxy(78.7046, 0.2999, 0.3414)$

Have a look what the booklet for
Yxy(78.7046, 0.2999, 0.3414)
contains.

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Color

Yxy(78.5490, 0.2997, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	CEECE1
RGB	206, 236, 225
RGB Percent	81%, 93%, 88%
CMY	0.1922, 0.0745, 0.1176
CMYK	0.13, 0.00, 0.05, 0.07
HSL	158°, 44%, 87%
HSV	158°, 13%, 93%
XYZ	69.0356, 78.5490, 82.7644
YIQ	225.7760, -14.3490, -9.7810

Conversions

Conversions Part 2

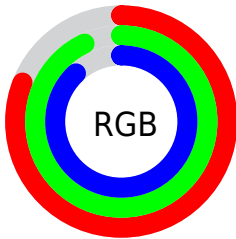
Format	Color
R _Y B	206, 224, 236
Decimal	13561057
CIE Lab	91.03, -11.89, 2.01
CIE LCh	91, 12.054, 170.409
Yxy	78.5490, 0.2997, 0.3410
Android (android.graphics.Color)	4291751137 (0xFFCEECE1)
YUV	225.7760, -0.3826, -17.3436
Hunter-Lab	88.6279, -16.0584, 6.6720

Details

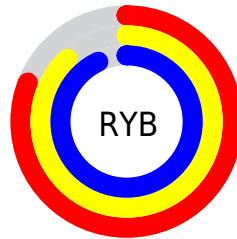
The Yxy color **78.5490, 0.2997, 0.3410** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.9745, 0.3278, 0.3173**, and the grayscale version is **75.8932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2202, 0.2970, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **74.9648, 0.2899, 0.3516**, and if you desaturate by 10%, it is **82.6708, 0.3099, 0.3314**.

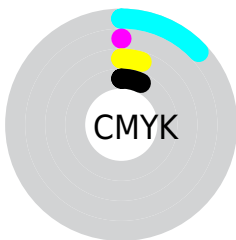
Distribution



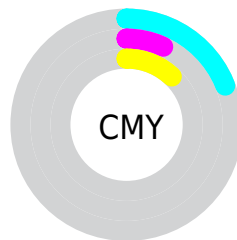
- Red (81%)
- Green (93%)
- Blue (88%)



- Red (81%)
- Yellow (88%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)





- Cyan (19%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.5490, 0.2997, 0.3410 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 78.5490, 0.2997, 0.3410 by changing the saturation by 10% instead.


 78.5490, 0.2997,
0.3410

 78.5490, 0.2997,
0.3410


490.0293, 0.3057,
0.3355

 58.5251, 0.2983,
0.3423


131.3238, 0.3018,
0.3391

 42.2309, 0.2967,
0.3438


164.8434, 0.3026,
0.3383

 29.2822, 0.2946,
0.3458


203.6303, 0.3033,
0.3377

 19.2944, 0.2919,
0.3483

248.0691, 0.3039,
0.3371

 11.8832, 0.2882,
0.3518

298.5439, 0.3044,
0.3367

 6.6642, 0.2829,
0.3568

355.4393, 0.3049,

 3.2530, 0.2747,

0.3362

0.3646

419.1396, 0.3053,
0.3358

■ 1.2652, 0.2605,
0.3785

■ 0.1140, 0.0000,
1.0000

■ 78.5490, 0.2997,
0.3410

■ 78.5490, 0.2997,
0.3410

■ 74.9648, 0.2899,
0.3516

■ 82.6708, 0.3099,
0.3314

■ 71.8854, 0.2809,
0.3632

■ 87.3418, 0.3203,
0.3229

■ 69.2896, 0.2729,
0.3757

■ 88.2182, 0.3161,
0.3146

■ 67.1507, 0.2663,
0.3890

■ 88.4770, 0.3136,
0.3107

■ 65.4393, 0.2613,
0.4029

■ 64.1225, 0.2582,
0.4171

■ 63.1625, 0.2572,
0.4315

■ 62.5136, 0.2582,
0.4456

■ 62.1855, 0.2599,
0.4557

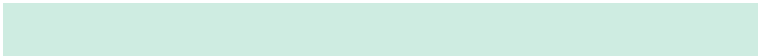
Harmonies

Analogous

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



78.5490, 0.3135, 0.3506



78.5490, 0.2997, 0.3410



78.5490, 0.2895, 0.3282

Triad

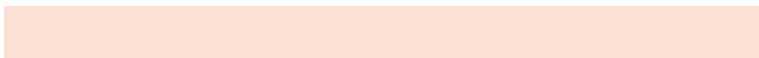
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5490, 0.2997, 0.3410



78.5490, 0.2980, 0.3051



78.5490, 0.3407, 0.3411

Complementary

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



78.5490, 0.2997, 0.3410



66.9745, 0.3278, 0.3173

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.



78.5490, 0.3364, 0.3292



78.5490, 0.2997, 0.3410



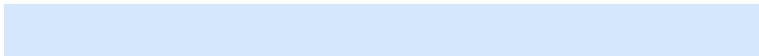
78.5490, 0.3115, 0.3087

Square

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



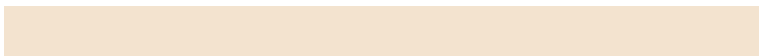
78.5490, 0.2997, 0.3410



78.5490, 0.2885, 0.3076



78.5490, 0.3256, 0.3174



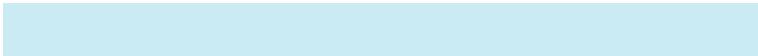
78.5490, 0.3373, 0.3503

Rectangle

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



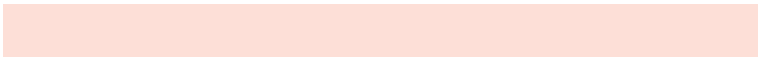
78.5490, 0.2997, 0.3410



78.5490, 0.2861, 0.3197



78.5490, 0.3256, 0.3174



78.5490, 0.3401, 0.3373

Sweetspot

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



78.5523, 0.2997, 0.3410



97.8783, 0.3086, 0.3326



79.2021, 0.3186, 0.3618



20.8671, 0.3078, 0.3333



0.0000, 0.0000, 0.0000



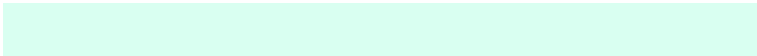
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5523, 0.2997, 0.3410



92.5839, 0.2974, 0.3434



76.8918, 0.2932, 0.3246



17.0228, 0.3030, 0.3378



34.3001, 0.2593, 0.4534



2.7118, 0.2539, 0.4341

Inverse Universe

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



66.9745, 0.3278, 0.3173



76.5127, 0.3310, 0.3151



68.3736, 0.3353, 0.3334



15.1452, 0.3235, 0.3204



10.2267, 0.5510, 0.2809



0.8210, 0.5130, 0.2600

Previews

White Background



This preview shows how the Yxy color 78.5490, 0.2997, 0.3410 looks on a white background.

Color Contrast Check

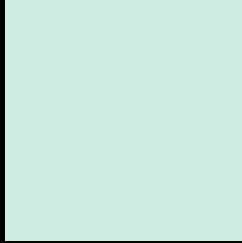
Large Text (above 18pt) WCAG AA × Fail

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 78.5490, 0.2997, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

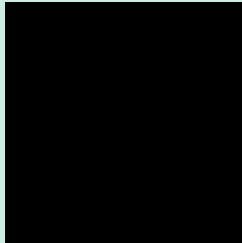
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

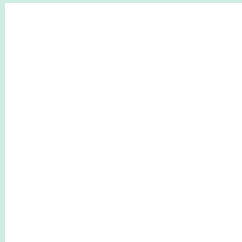
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5490, 0.2997, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 78.5490, 0.2997, 0.3410.

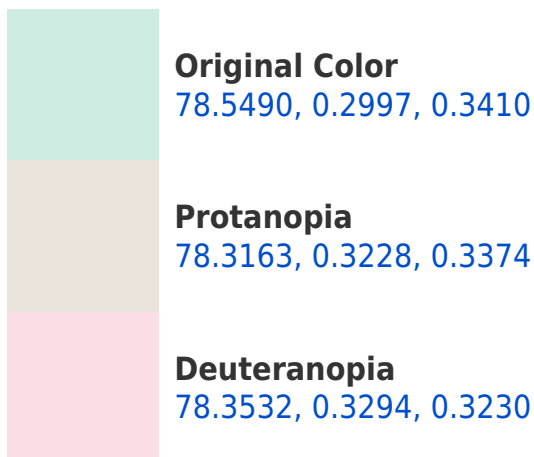


This preview shows how white text looks on a background with the Yxy color 78.5490, 0.2997, 0.3410.

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

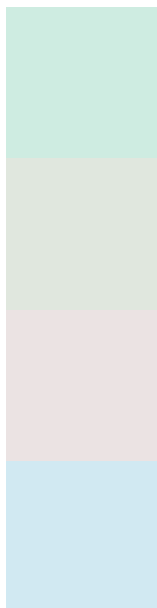




Tritanopia

78.3799, 0.2870, 0.3088

Trichromacy



Original Color

78.5490, 0.2997, 0.3410

Protanomaly

78.2730, 0.3136, 0.3386

Deuteranomaly

78.1464, 0.3183, 0.3290

Tritanomaly

78.2439, 0.2916, 0.3193

Monochromacy



Original Color

78.5490, 0.2997, 0.3410

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.1447, 0.3078, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5490, 0.2997, 0.3410 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(206, 236, 225)` looks like.

```
.text, #text, p{  
    color:rgb(206, 236, 225)  
}
```

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(206, 236, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 236, 225) }
```

Border

The CSS property to change the border of an element to Yxy 78.5490, 0.2997, 0.3410 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(206, 236, 225) }
```

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

```
.border{ border-color:rgb(206, 236, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 236, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 236, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 236, 225);  
box-shadow:4px 4px 4px 4px rgb(206, 236,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5490, 0.2997, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 236, 225) }
```

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

```
.background{ background-color: rgb(206,  
236, 225) }
```

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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