

Converting Colors

$Yxy(71.4410, 0.2995, 0.3453)$

Have a look what the booklet for
Yxy(71.4410, 0.2995, 0.3453)
contains.

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Color

Yxy(71.3444, 0.2998, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	C3E3D5
RGB	195, 227, 213
RGB Percent	76%, 89%, 84%
CMY	0.2350, 0.1098, 0.1647
CMYK	0.14, 0.00, 0.06, 0.11
HSL	154°, 36%, 83%
HSV	154°, 14%, 89%
XYZ	61.9972, 71.3444, 73.4537
YIQ	215.8360, -14.5780, -11.1380

Conversions

Conversions Part 2

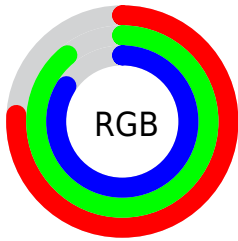
Format	Color
RYB	195, 215, 227
Decimal	12837845
CIELab	87.65, -13.15, 3.30
CIELCh	88, 13.559, 165.901
Yxy	71.3444, 0.2998, 0.3450
Android (android.graphics.Color)	4291027925 (0xFFC3E3D5)
YUV	215.8360, -1.3981, -18.2732
Hunter-Lab	84.4656, -16.7969, 7.5657

Details

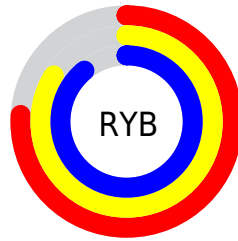
The Yxy color **71.3444, 0.2998, 0.3450** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.9950, 0.3278, 0.3135**, and the grayscale version is **68.5780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **37.6364, 0.2969, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **68.0590, 0.2911, 0.3579**, and if you desaturate by 10%, it is **75.1264, 0.3089, 0.3334**.

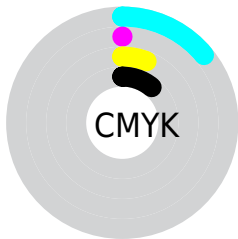
Distribution



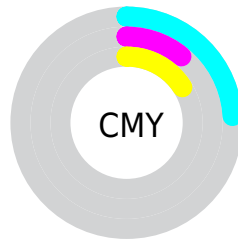
- Red (76%)
- Green (89%)
- Blue (84%)



- Red (76%)
- Yellow (84%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3444, 0.2998, 0.3450 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 71.3444, 0.2998, 0.3450 by changing the saturation by 10% instead.

71.3444, 0.2998,
0.3450

71.3444, 0.2998,
0.3450

465.2565, 0.3058,
0.3375

52.6233, 0.2984,
0.3467

121.1240, 0.3019,
0.3424

37.5021, 0.2967,
0.3489

152.9513, 0.3027,
0.3414

25.5965, 0.2944,
0.3517

189.9160, 0.3034,
0.3405

16.5220, 0.2915,
0.3554

232.4027, 0.3040,
0.3397

9.8943, 0.2875,
0.3605

280.7957, 0.3046,
0.3391

5.3289, 0.2815,
0.3681


335.4794, 0.3050,

2.4415, 0.2720,


0.3385


396.8382, 0.3055,
0.3380


0.3805


 0.8471, 0.2394,
0.4188


 0.0000, 0.0000,
0.0000


 71.3444, 0.2998,
0.3450


 71.3444, 0.2998,
0.3450


 68.0590, 0.2911,
0.3579


 75.1264, 0.3089,
0.3334


 65.2401, 0.2830,
0.3720

 79.4160, 0.3182,
0.3230

 62.8677, 0.2759,
0.3873

 82.6538, 0.3219,
0.3135

 60.9171, 0.2701,
0.4036

 83.2706, 0.3154,
0.3040

■ 59.3611, 0.2660,
0.4205

■ 83.4124, 0.3140,
0.3019

■ 58.1689, 0.2637,
0.4378

■ 57.3052, 0.2635,
0.4550

■ 56.7270, 0.2653,
0.4718

■ 56.4785, 0.2671,
0.4814

Harmonies

Analogous

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



71.3444, 0.3160, 0.3552



71.3444, 0.2998, 0.3450



71.3444, 0.2872, 0.3303

Triad

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



71.3444, 0.2998, 0.3450



71.3444, 0.2935, 0.3013



71.3444, 0.3451, 0.3410

Complementary

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



71.3444, 0.2998, 0.3450



59.9950, 0.3278, 0.3135

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.



71.3444, 0.3388, 0.3270



71.3444, 0.2998, 0.3450



71.3444, 0.3087, 0.3045

Square

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



71.3444, 0.2998, 0.3450



71.3444, 0.2837, 0.3052



71.3444, 0.3253, 0.3138



71.3444, 0.3425, 0.3524

Rectangle

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



71.3444, 0.2998, 0.3450



71.3444, 0.2825, 0.3202



71.3444, 0.3253, 0.3138



71.3444, 0.3440, 0.3365

Sweetspot

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



71.3474, 0.2998, 0.3450



97.8320, 0.3090, 0.3333



72.4938, 0.3211, 0.3651



20.8554, 0.3083, 0.3342



0.0000, 0.0000, 0.0000



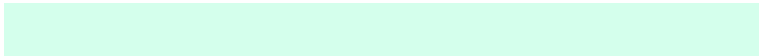
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3474, 0.2998, 0.3450



91.5215, 0.2971, 0.3488



71.2196, 0.2913, 0.3271



16.2241, 0.3040, 0.3395



32.9658, 0.2664, 0.4790



2.4547, 0.2597, 0.4549

Inverse Universe

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



59.9950, 0.3278, 0.3135



73.9216, 0.3316, 0.3100



60.0514, 0.3384, 0.3309



14.4724, 0.3224, 0.3187



10.0774, 0.5215, 0.2646



0.7631, 0.4850, 0.2445

Previews

White Background



This preview shows how the Yxy color 71.3444, 0.2998, 0.3450 looks on a white background.

Color Contrast Check

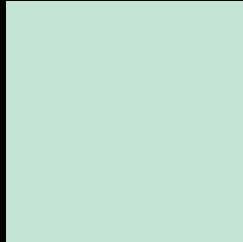
Large Text (above 18pt) WCAG AA × Fail

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 71.3444, 0.2998, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

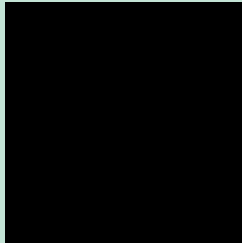
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

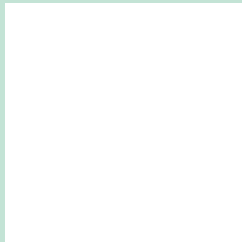
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3444, 0.2998, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 71.3444, 0.2998, 0.3450.

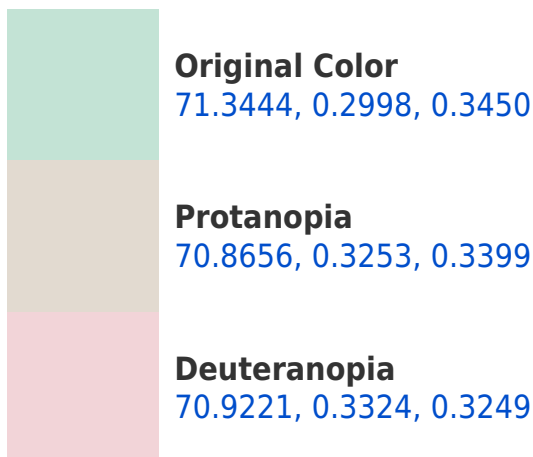


This preview shows how white text looks on a background with the Yxy color 71.3444, 0.2998, 0.3450.

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

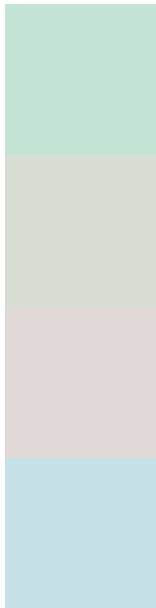




Tritanopia

71.4056, 0.2861, 0.3091

Trichromacy



Original Color

71.3444, 0.2998, 0.3450

Protanomaly

70.8131, 0.3157, 0.3412

Deuteranomaly

70.5396, 0.3199, 0.3312

Tritanomaly

71.0866, 0.2908, 0.3211

Monochromacy



Original Color

71.3444, 0.2998, 0.3450

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.5026, 0.3075, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3444, 0.2998, 0.3450 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(195, 227, 213)` looks like.

```
.text, #text, p{  
    color:rgb(195, 227, 213)  
}
```

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(195, 227, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 227, 213) }
```

Border

The CSS property to change the border of an element to Yxy 71.3444, 0.2998, 0.3450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

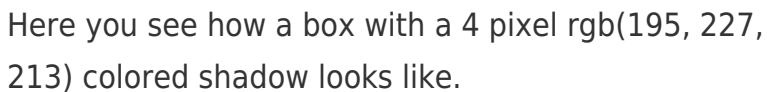
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 227, 213) }
```

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

```
.border{ border-color:rgb(195, 227, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 227, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 227, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 227, 213);  
box-shadow:4px 4px 4px 4px rgb(195, 227,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3444, 0.2998, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 227, 213) }
```

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

```
.background{ background-color: rgb(195,  
227, 213) }
```

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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