

Converting Colors

Yxy(85.4292, 0.2991, 0.3389)

Have a look what the booklet for
Yxy(85.4292, 0.2991, 0.3389)
contains.

Yxy(85.5991, 0.2990, 0.3395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(85.5991, 0.2990, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	D6F5EB
RGB	214, 245, 235
RGB Percent	84%, 96%, 92%
CMY	0.1606, 0.0392, 0.0784
CMYK	0.13, 0.00, 0.04, 0.04
HSL	161°, 61%, 90%
HSV	161°, 13%, 96%
XYZ	75.3877, 85.5991, 91.1460
YIQ	234.5910, -15.2660, -9.6820

Conversions

Conversions Part 2

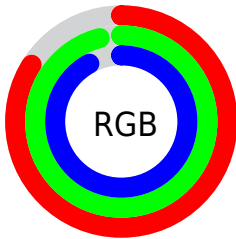
Format	Color
R _Y B	214, 232, 245
Decimal	14087659
CIE Lab	94.14, -11.91, 1.41
CIE LCh	94, 11.994, 173.262
Yxy	85.5991, 0.2990, 0.3395
Android (android.graphics.Color)	4292277739 (0xFFD6F5EB)
YUV	234.5910, 0.2016, -18.0583
Hunter-Lab	92.5198, -16.4628, 6.3542

Details

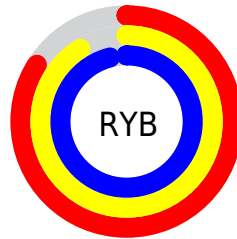
The Yxy color **85.5991, 0.2990, 0.3395** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.9091, 0.3286, 0.3187**, and the grayscale version is **82.7649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.0208, 0.2961, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **81.7414, 0.2887, 0.3488**, and if you desaturate by 10%, it is **90.0387, 0.3098, 0.3311**.

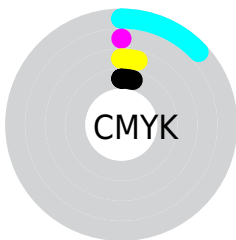
Distribution



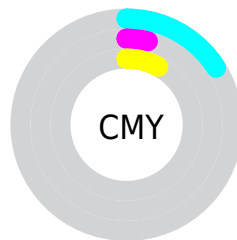
- Red (84%)
- Green (96%)
- Blue (92%)



- Red (84%)
- Yellow (91%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.5991, 0.2990, 0.3395 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 85.5991, 0.2990, 0.3395 by changing the saturation by 10% instead.


 85.5991, 0.2990,
0.3395

 85.5991, 0.2990,
0.3395

513.6084, 0.3052,
0.3348

 64.3365, 0.2976,
0.3406


141.2099, 0.3011,
0.3379

 46.9233, 0.2959,
0.3419


176.3269, 0.3019,
0.3372

 32.9750, 0.2938,
0.3435


216.8309, 0.3027,
0.3367

 22.1073, 0.2911,
0.3456

263.1061, 0.3033,
0.3362

 13.9358, 0.2875,
0.3484

315.5371, 0.3038,
0.3358

 8.0760, 0.2825,
0.3523

374.5082, 0.3043,

 4.1436, 0.2749,

0.3354

440.4038, 0.3048,
0.3351

0.3583

1.7542, 0.2623,
0.3683

0.4584, 0.1443,
0.4566

85.5991, 0.2990,
0.3395

85.5991, 0.2990,
0.3395

81.7414, 0.2887,
0.3488

90.0387, 0.3098,
0.3311

78.4300, 0.2791,
0.3590

93.5160, 0.3157,
0.3234

75.6416, 0.2707,
0.3699

93.7822, 0.3132,
0.3194

73.3472, 0.2636,
0.3815

■ 71.5146, 0.2583,
0.3937

■ 70.1081, 0.2549,
0.4061

■ 69.0863, 0.2535,
0.4186

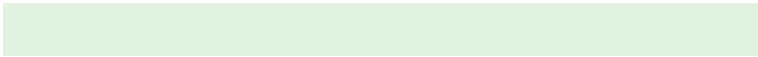
■ 68.3991, 0.2541,
0.4310

■ 68.0516, 0.2556,
0.4400

Harmonies

Analogous

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



85.5991, 0.3121, 0.3492



85.5991, 0.2990, 0.3395



85.5991, 0.2897, 0.3270

Triad

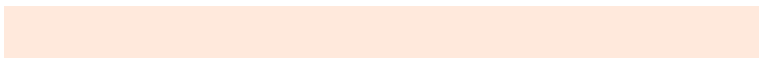
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5991, 0.2990, 0.3395



85.5991, 0.2996, 0.3059



85.5991, 0.3398, 0.3418

Complementary

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



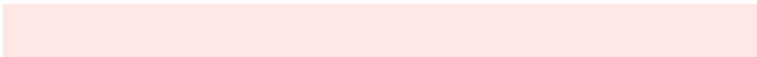
85.5991, 0.2990, 0.3395



72.9091, 0.3286, 0.3187

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.



85.5991, 0.3363, 0.3303



85.5991, 0.2990, 0.3395



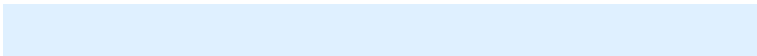
85.5991, 0.3129, 0.3099

Square

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



85.5991, 0.2990, 0.3395



85.5991, 0.2900, 0.3078



85.5991, 0.3264, 0.3188



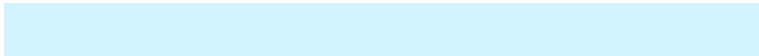
85.5991, 0.3358, 0.3502

Rectangle

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



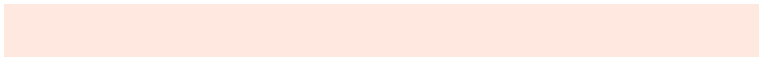
85.5991, 0.2990, 0.3395



85.5991, 0.2867, 0.3189



85.5991, 0.3264, 0.3188



85.5991, 0.3395, 0.3381

Sweetspot

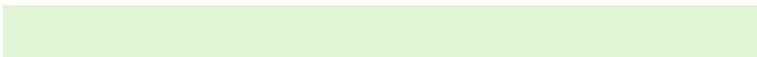
The Sweet Spot groups the original color and five complimentary colors.



85.6027, 0.2990, 0.3395



97.9062, 0.3083, 0.3322



86.0640, 0.3179, 0.3616



20.8742, 0.3075, 0.3328



0.0000, 0.0000, 0.0000



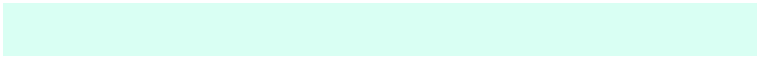
21.4041, 0.3127, 0.3290

Same Dimension

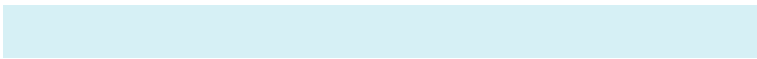
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6027, 0.2990, 0.3395



92.6834, 0.2965, 0.3417



83.1185, 0.2932, 0.3235



18.6615, 0.3024, 0.3368



36.6887, 0.2550, 0.4380



3.2433, 0.2507, 0.4226

Inverse Universe

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



72.9091, 0.3286, 0.3187



76.4196, 0.3321, 0.3167



75.0362, 0.3351, 0.3344



16.5707, 0.3243, 0.3214



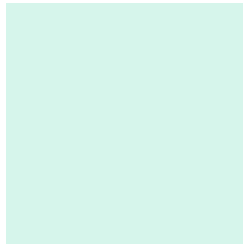
10.7852, 0.5681, 0.2903



0.9659, 0.5329, 0.2709

Previews

White Background



This preview shows how the Yxy color 85.5991, 0.2990, 0.3395 looks on a white background.

Color Contrast Check

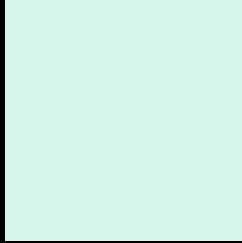
Large Text (above 18pt) WCAG AA × Fail

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 85.5991, 0.2990, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

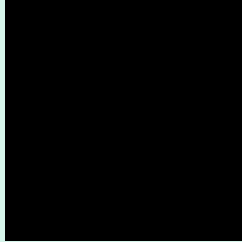
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

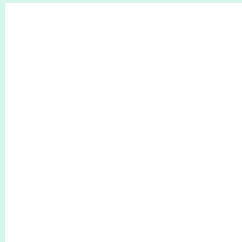
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.5991, 0.2990, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 85.5991, 0.2990, 0.3395.

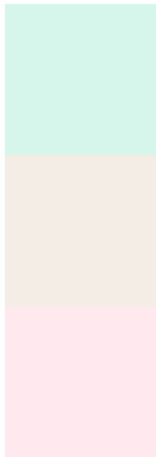


This preview shows how white text looks on a background with the Yxy color 85.5991, 0.2990, 0.3395.

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

85.5991, 0.2990, 0.3395

Protanopia

85.5146, 0.3218, 0.3361

Deuteranopia

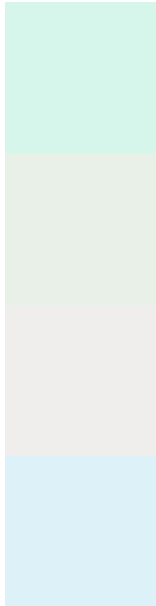
85.1463, 0.3246, 0.3231



Tritanopia

85.2282, 0.2931, 0.3136

Trichromacy



Original Color

85.5991, 0.2990, 0.3395

Protanomaly

85.4700, 0.3130, 0.3372

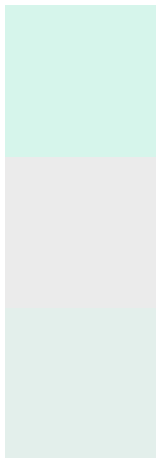
Deuteranomaly

85.2081, 0.3147, 0.3290

Tritanomaly

85.4972, 0.2953, 0.3228

Monochromacy



Original Color

85.5991, 0.2990, 0.3395

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

84.0621, 0.3073, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.5991, 0.2990, 0.3395 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(214, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 235)  
}
```

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(214, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 235) }
```

Border

The CSS property to change the border of an element to Yxy 85.5991, 0.2990, 0.3395 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(214, 245, 235) }
```

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

```
.border{ border-color:rgb(214, 245, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 245, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(214, 245,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 85.5991, 0.2990, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 245, 235) }
```

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

```
.background{ background-color: rgb(214,  
245, 235) }
```

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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