

Converting Colors

$Yxy(88.8327, 0.2932, 0.3418)$

Have a look what the booklet for
Yxy(88.8327, 0.2932, 0.3418)
contains.

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Color

Yxy(88.6363, 0.2932, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	D0FBF5
RGB	208, 251, 239
RGB Percent	82%, 98%, 94%
CMY	0.1845, 0.0156, 0.0627
CMYK	0.17, 0.00, 0.05, 0.02
HSL	163°, 84%, 90%
HSV	163°, 17%, 98%
XYZ	76.0778, 88.6363, 94.7599
YIQ	236.7750, -21.7760, -12.8480

Conversions

Conversions Part 2

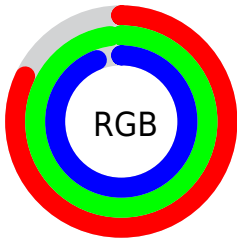
Format	Color
R _Y B	208, 233, 251
Decimal	13695983
CIE Lab	95.43, -16.05, 1.17
CIE LCh	95, 16.096, 175.838
Yxy	88.6363, 0.2932, 0.3416
Android (android.graphics.Color)	4291886063 (0xFFD0FBEF)
YUV	236.7750, 1.0969, -25.2357
Hunter-Lab	94.1469, -20.5155, 6.2267

Details

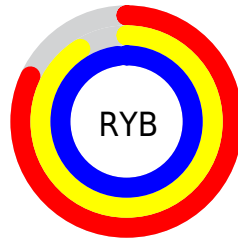
The Yxy color **88.6363, 0.2932, 0.3416** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.7632, 0.3368, 0.3168**, and the grayscale version is **84.5050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7748, 0.2890, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **84.8801, 0.2827, 0.3499**, and if you desaturate by 10%, it is **92.9916, 0.3044, 0.3340**.

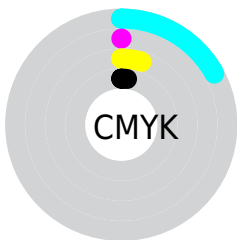
Distribution



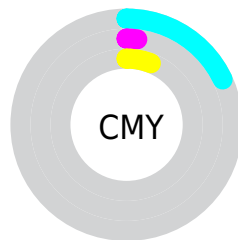
- Red (82%)
- Green (98%)
- Blue (94%)



- Red (82%)
- Yellow (91%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)




- Cyan (18%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.6363, 0.2932, 0.3416 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 88.6363, 0.2932, 0.3416 by changing the saturation by 10% instead.

 88.6363, 0.2932,
0.3416

 88.6363, 0.2932,
0.3416

523.5847, 0.3019,
0.3360

 66.8502, 0.2913,
0.3429

145.4427, 0.2962,
0.3397

 48.9629, 0.2889,
0.3444


181.2317, 0.2973,
0.3389

 34.5900, 0.2860,
0.3463


222.4572, 0.2984,
0.3383

 23.3472, 0.2823,
0.3487

269.5035, 0.2993,
0.3377

 14.8501, 0.2773,
0.3520

322.7550, 0.3000,
0.3372

 8.7143, 0.2704,
0.3565


382.5961, 0.3007,


 4.5553, 0.2603,

0.3367

0.3633


449.4112, 0.3014,
0.3363


 1.9888, 0.2437,
0.3744

 0.6009, 0.1325,
0.4442


 88.6363, 0.2932,
0.3416

 88.6363, 0.2932,
0.3416


 84.8801, 0.2827,
0.3499

 92.9916, 0.3044,
0.3340

 81.6848, 0.2731,
0.3590

 97.3583, 0.3141,
0.3271

 79.0247, 0.2648,
0.3686

 97.4859, 0.3129,
0.3252

 76.8677, 0.2581,
0.3787

■ 75.1783, 0.2533,
0.3892

■ 73.9160, 0.2504,
0.3999

■ 73.0335, 0.2496,
0.4106

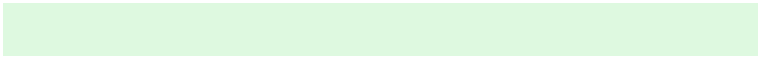
■ 72.4698, 0.2506,
0.4211

■ 72.3415, 0.2511,
0.4240

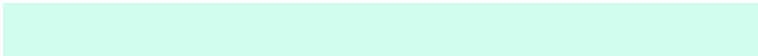
Harmonies

Analogous

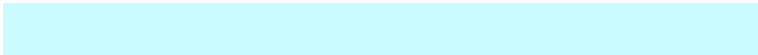
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6363, 0.3102, 0.3551



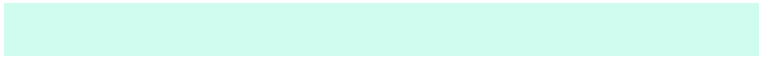
88.6363, 0.2932, 0.3416



88.6363, 0.2815, 0.3247

Triad

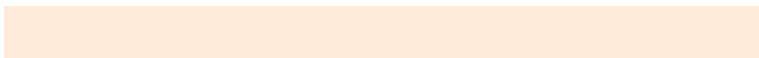
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.6363, 0.2932, 0.3416



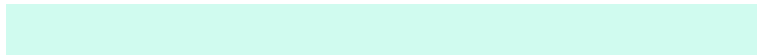
88.6363, 0.2966, 0.2988



88.6363, 0.3487, 0.3469

Complementary

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



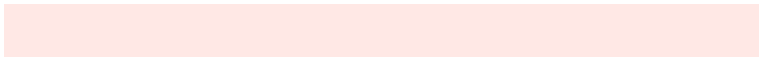
88.6363, 0.2932, 0.3416



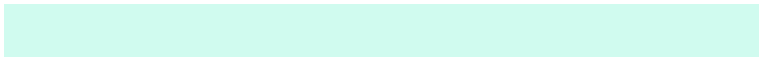
70.7632, 0.3368, 0.3168

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.



88.6363, 0.3449, 0.3319



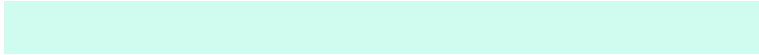
88.6363, 0.2932, 0.3416



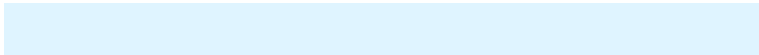
88.6363, 0.3144, 0.3047

Square

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



88.6363, 0.2932, 0.3416



88.6363, 0.2835, 0.3004



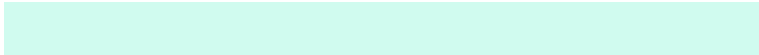
88.6363, 0.3322, 0.3167



88.6363, 0.3425, 0.3577

Rectangle

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



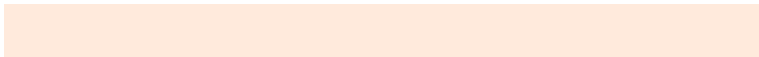
88.6363, 0.2932, 0.3416



88.6363, 0.2782, 0.3142



88.6363, 0.3322, 0.3167



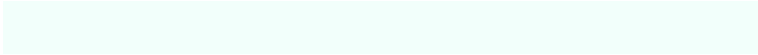
88.6363, 0.3485, 0.3422

Sweetspot

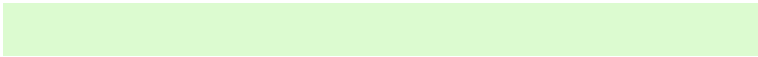
The Sweet Spot groups the original color and five complimentary colors.



88.6400, 0.2932, 0.3416



97.4345, 0.3069, 0.3325



88.7963, 0.3183, 0.3746



20.7806, 0.3061, 0.3329



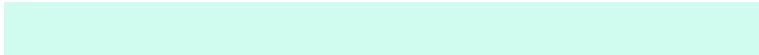
0.0000, 0.0000, 0.0000



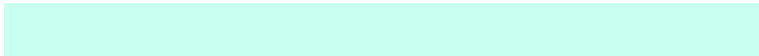
21.4041, 0.3127, 0.3290

Same Dimension

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



88.6400, 0.2932, 0.3416



90.2948, 0.2890, 0.3447



83.6857, 0.2863, 0.3191



19.5211, 0.3018, 0.3357



38.0454, 0.2506, 0.4223



3.5417, 0.2471, 0.4097

Inverse Universe

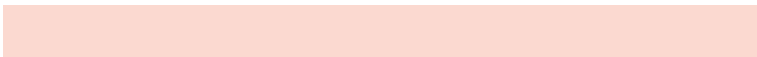
The Inverse Universe completely reimagines the original color for something new.



70.7632, 0.3368, 0.3168



68.2215, 0.3436, 0.3139



74.8332, 0.3442, 0.3387



17.3048, 0.3250, 0.3224



11.0343, 0.5839, 0.2990



1.0392, 0.5503, 0.2805

Previews

White Background



This preview shows how the Yxy color 88.6363, 0.2932, 0.3416 looks on a white background.

Color Contrast Check

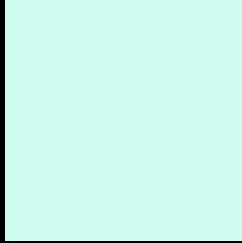
Large Text (above 18pt) WCAG AA × Fail

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 88.6363, 0.2932, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

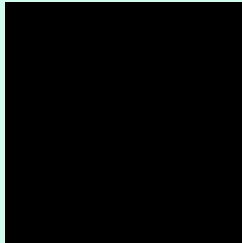
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

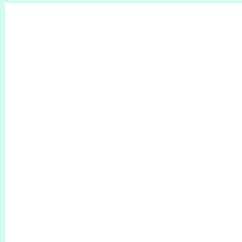
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.6363, 0.2932, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 88.6363, 0.2932, 0.3416.

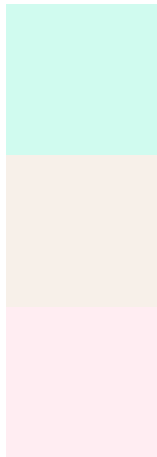


This preview shows how white text looks on a background with the Yxy color 88.6363, 0.2932, 0.3416.

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

88.6363, 0.2932, 0.3416

Protanopia

87.9775, 0.3217, 0.3360

Deuteranopia

88.2392, 0.3216, 0.3242



Tritanopia

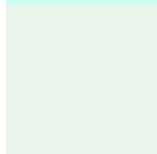
88.2523, 0.2956, 0.3179

Trichromacy



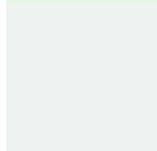
Original Color

88.6363, 0.2932, 0.3416



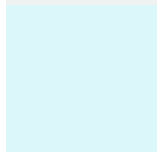
Protanomaly

88.0232, 0.3110, 0.3382



Deuteranomaly

88.0323, 0.3107, 0.3300



Tritanomaly

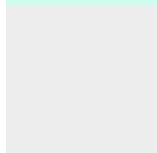
88.5767, 0.2948, 0.3269

Monochromacy



Original Color

88.6363, 0.2932, 0.3416



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

85.8461, 0.3048, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.6363, 0.2932, 0.3416 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(208, 251, 239)` looks like.

```
.text, #text, p{  
    color:rgb(208, 251, 239)  
}
```

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(208, 251, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 251, 239) }
```

Border

The CSS property to change the border of an element to Yxy 88.6363, 0.2932, 0.3416 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(208, 251, 239) }
```

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

```
.border{ border-color:rgb(208, 251, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 251, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 251, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 251, 239);  
box-shadow:4px 4px 4px 4px rgb(208, 251,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 88.6363, 0.2932, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 251, 239) }
```

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

```
.background{ background-color: rgb(208,  
251, 239) }
```

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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