

Converting Colors

$Yxy(88.3621, 0.2905, 0.3333)$

Have a look what the booklet for
Yxy(88.3621, 0.2905, 0.3333)
contains.

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Color

Yxy(88.5191, 0.2905, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	D1FAF5
RGB	209, 250, 245
RGB Percent	82%, 98%, 96%
CMY	0.1807, 0.0195, 0.0393
CMYK	0.16, 0.00, 0.02, 0.02
HSL	173°, 81%, 90%
HSV	173°, 16%, 98%
XYZ	76.9443, 88.5191, 99.4052
YIQ	237.1710, -22.8310, -10.2470

Conversions

Conversions Part 2

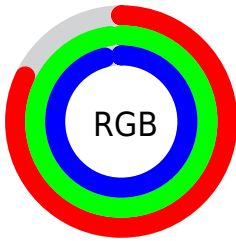
Format	Color
R _Y B	209, 231, 250
Decimal	13761269
CIE Lab	95.38, -14.09, -1.99
CIE LCh	95, 14.225, 188.030
Yxy	88.5191, 0.2905, 0.3342
Android (android.graphics.Color)	4291951349 (0xFFD1FAF5)
YUV	237.1710, 3.8597, -24.7060
Hunter-Lab	94.0846, -18.6670, 3.2163

Details

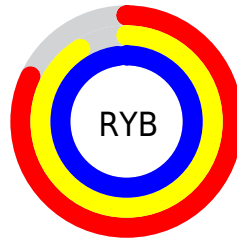
The Yxy color **88.5191, 0.2905, 0.3342** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.7477, 0.3404, 0.3239**, and the grayscale version is **84.8018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6841, 0.2856, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **84.9735, 0.2781, 0.3377**, and if you desaturate by 10%, it is **92.6473, 0.3038, 0.3309**.

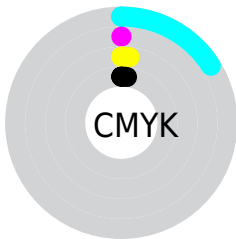
Distribution



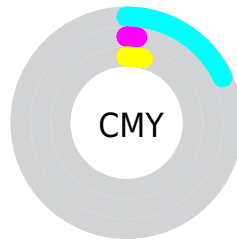
- Red (82%)
- Green (98%)
- Blue (96%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5191, 0.2905, 0.3342 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 88.5191, 0.2905, 0.3342 by changing the saturation by 10% instead.

 88.5191, 0.2905,
0.3342

 88.5191, 0.2905,
0.3342


523.2017, 0.3004,
0.3319

 66.7531, 0.2883,
0.3347


145.2796, 0.2939,
0.3334

 48.8840, 0.2857,
0.3353


181.0429, 0.2952,
0.3331

 34.5274, 0.2824,
0.3360


222.2407, 0.2963,
0.3329

 23.2991, 0.2782,
0.3369

269.2575, 0.2973,
0.3326

 14.8145, 0.2727,
0.3381

322.4776, 0.2982,
0.3324

 8.6893, 0.2651,
0.3397


382.2854, 0.2990,


 4.5391, 0.2539,


0.3323


0.3419


449.0653, 0.2997,
0.3321

 1.9795, 0.2359,
0.3452

 0.5955, 0.1384,
0.3710


 88.5191, 0.2905,
0.3342

 88.5191, 0.2905,
0.3342


 84.9735, 0.2781,
0.3377


 92.6473, 0.3038,
0.3309


 81.9729, 0.2668,
0.3415

 96.6184, 0.3152,
0.3280

 79.4921, 0.2570,
0.3456

 96.8133, 0.3134,
0.3250

 77.4999, 0.2489,
0.3497

 96.8660, 0.3129,
0.3243

■ 75.9615, 0.2427,
0.3540

■ 74.8373, 0.2385,
0.3583

■ 74.0814, 0.2362,
0.3627

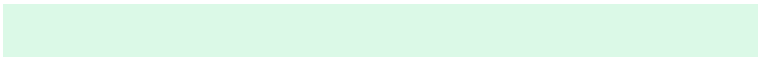
■ 73.6360, 0.2356,
0.3669

■ 73.5207, 0.2357,
0.3684

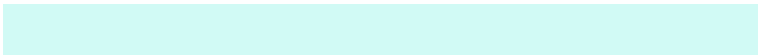
Harmonies

Analogous

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



88.5191, 0.3041, 0.3478



88.5191, 0.2905, 0.3342



88.5191, 0.2829, 0.3195

Triad

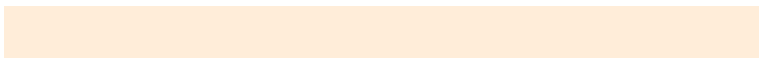
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5191, 0.2905, 0.3342



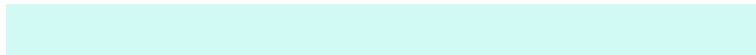
88.5191, 0.3046, 0.3036



88.5191, 0.3433, 0.3494

Complementary

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



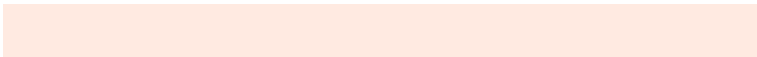
88.5191, 0.2905, 0.3342



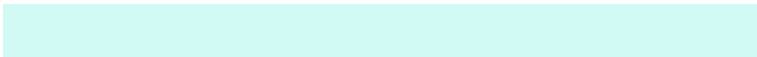
70.7477, 0.3404, 0.3239

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.



88.5191, 0.3435, 0.3373



88.5191, 0.2905, 0.3342



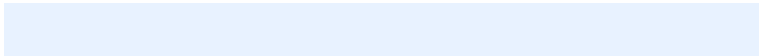
88.5191, 0.3209, 0.3112

Square

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



88.5191, 0.2905, 0.3342



88.5191, 0.2908, 0.3022



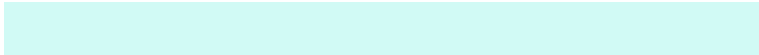
88.5191, 0.3353, 0.3234



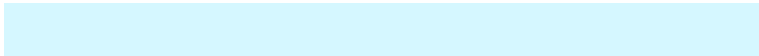
88.5191, 0.3346, 0.3565

Rectangle

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



88.5191, 0.2905, 0.3342



88.5191, 0.2821, 0.3112



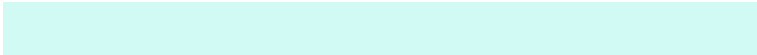
88.5191, 0.3353, 0.3234



88.5191, 0.3444, 0.3458

Sweetspot

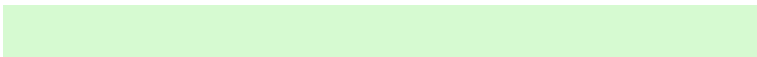
The Sweet Spot groups the original color and five complimentary colors.



88.5228, 0.2905, 0.3342



97.5613, 0.3058, 0.3305



87.3436, 0.3141, 0.3730



20.8115, 0.3048, 0.3307



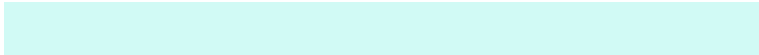
0.0000, 0.0000, 0.0000



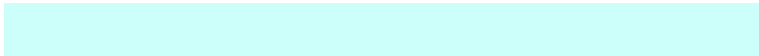
21.4041, 0.3127, 0.3290

Same Dimension

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



88.5228, 0.2905, 0.3342



91.1813, 0.2859, 0.3354



79.8398, 0.2871, 0.3130



19.5698, 0.2997, 0.3319



39.0038, 0.2355, 0.3677



3.6224, 0.2341, 0.3626

Inverse Universe

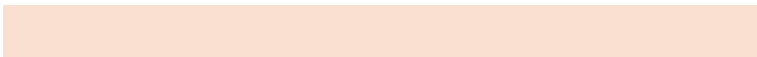
The Inverse Universe completely reimagines the original color for something new.



70.7477, 0.3404, 0.3239



69.1114, 0.3479, 0.3227



78.2380, 0.3416, 0.3445



17.2598, 0.3275, 0.3261



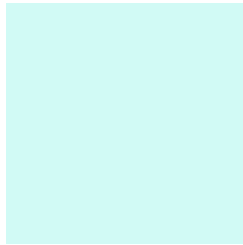
10.8429, 0.6250, 0.3216



1.0149, 0.5994, 0.3076

Previews

White Background



This preview shows how the Yxy color 88.5191, 0.2905, 0.3342 looks on a white background.

Color Contrast Check

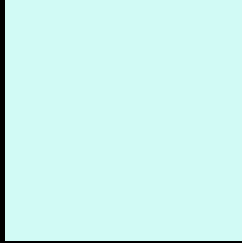
Large Text (above 18pt) WCAG AA × Fail

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 88.5191, 0.2905, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

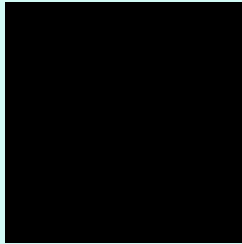
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

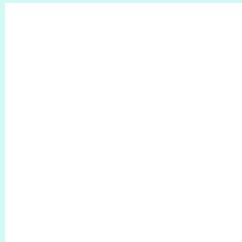
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5191, 0.2905, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 88.5191, 0.2905, 0.3342.

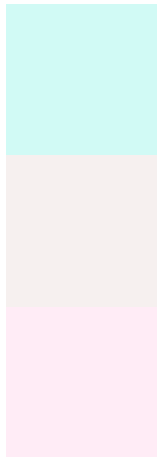


This preview shows how white text looks on a background with the Yxy color 88.5191, 0.2905, 0.3342.

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

88.5191, 0.2905, 0.3342

Protanopia

88.1450, 0.3173, 0.3300

Deuteranopia

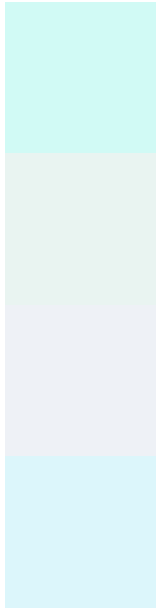
87.9047, 0.3192, 0.3193



Tritanopia

88.2523, 0.2956, 0.3179

Trichromacy



Original Color

88.5191, 0.2905, 0.3342

Protanomaly

88.3759, 0.3074, 0.3320

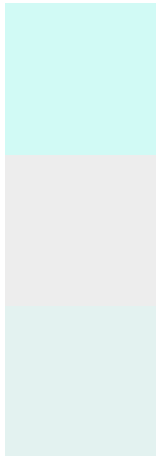
Deuteranomaly

87.7416, 0.3078, 0.3240

Tritanomaly

88.0922, 0.2937, 0.3238

Monochromacy



Original Color

88.5191, 0.2905, 0.3342

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

86.1264, 0.3043, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5191, 0.2905, 0.3342 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(209, 250, 245)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 245)  
}
```

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(209, 250, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 245) }
```

Border

The CSS property to change the border of an element to Yxy 88.5191, 0.2905, 0.3342 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(209, 250, 245) }
```

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

```
.border{ border-color:rgb(209, 250, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 250, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 245);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5191, 0.2905, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 250, 245) }
```

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

```
.background{ background-color: rgb(209,  
250, 245) }
```

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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