

Converting Colors

$Yxy(88.1820, 0.2956, 0.3314)$

Have a look what the booklet for
Yxy(88.1820, 0.2956, 0.3314)
contains.

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Color

Yxy(88.0195, 0.2958, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	DAF7F5
RGB	218, 247, 245
RGB Percent	85%, 97%, 96%
CMY	0.1451, 0.0314, 0.0392
CMYK	0.12, 0.00, 0.01, 0.03
HSL	176°, 64%, 91%
HSV	176°, 12%, 97%
XYZ	78.6591, 88.0195, 99.2413
YIQ	238.1010, -16.6420, -6.7700

Conversions

Conversions Part 2

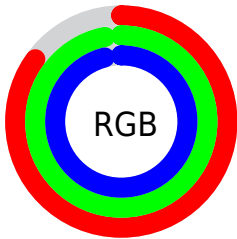
Format	Color
R _{YB}	218, 233, 247
Decimal	14350325
CIE Lab	95.17, -9.74, -2.24
CIE LCh	95, 9.999, 192.959
Yxy	88.0195, 0.2958, 0.3310
Android (android.graphics.Color)	4292540405 (0xFFDAF7F5)
YUV	238.1010, 3.4012, -17.6286
Hunter-Lab	93.8187, -14.5255, 2.9562

Details

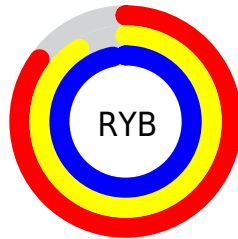
The Yxy color **88.0195, 0.2958, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.0896, 0.3325, 0.3270**, and the grayscale version is **85.5692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7223, 0.2921, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **84.3915, 0.2823, 0.3329**, and if you desaturate by 10%, it is **92.2232, 0.3102, 0.3293**.

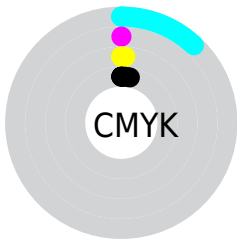
Distribution



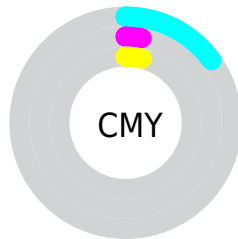
- Red (85%)
- Green (97%)
- Blue (96%)



- Red (85%)
- Yellow (91%)
- Blue (97%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)





- Cyan (15%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.0195, 0.2958, 0.3310 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 88.0195, 0.2958, 0.3310 by changing the saturation by 10% instead.


 88.0195, 0.2958,
0.3310

 88.0195, 0.2958,
0.3310

521.5671, 0.3033,
0.3302

 66.3392, 0.2941,
0.3312


144.5843, 0.2984,
0.3307

 48.5478, 0.2921,
0.3314


180.2376, 0.2994,
0.3306

 34.2609, 0.2896,
0.3316


221.3174, 0.3003,
0.3305

 23.0941, 0.2864,
0.3320

268.2080, 0.3010,
0.3304

 14.6630, 0.2822,
0.3324

321.2939, 0.3017,
0.3303

 8.5832, 0.2763,
0.3329

380.9595, 0.3023,

 4.4704, 0.2677,

0.3303

447.5891, 0.3029,
0.3302

0.3336

■ 1.9400, 0.2537,
0.3345

■ 0.5723, 0.1846,
0.3451

■ 88.0195, 0.2958,
0.3310

■ 88.0195, 0.2958,
0.3310

■ 84.3915, 0.2823,
0.3329

■ 92.2232, 0.3102,
0.3293

■ 81.3033, 0.2699,
0.3349


■ 94.5848, 0.3170,
0.3277


■ 78.7315, 0.2588,
0.3370


■ 94.6905, 0.3160,
0.3260

■ 76.6471, 0.2495,
0.3393


■ 94.7972, 0.3150,
0.3244

 75.0179, 0.2420,
0.3416


 94.9049, 0.3140,
0.3228

 73.8080, 0.2365,
0.3439

 95.0027, 0.3131,
0.3214

 72.9761, 0.2329,
0.3462

 72.4724, 0.2311,
0.3485

 72.2405, 0.2307,
0.3504

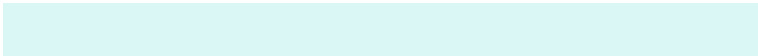
Harmonies

Analogous

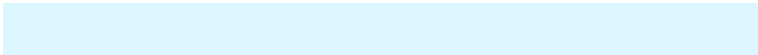
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0195, 0.3049, 0.3408



88.0195, 0.2958, 0.3310



88.0195, 0.2912, 0.3209

Triad

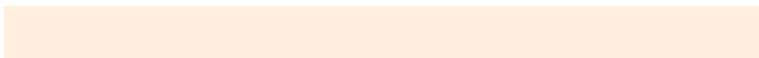
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0195, 0.2958, 0.3310



88.0195, 0.3089, 0.3115



88.0195, 0.3336, 0.3446

Complementary

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



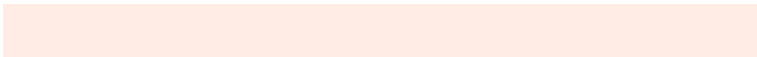
88.0195, 0.2958, 0.3310



75.0896, 0.3325, 0.3270

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.



88.0195, 0.3347, 0.3365



88.0195, 0.2958, 0.3310



88.0195, 0.3204, 0.3177

Square

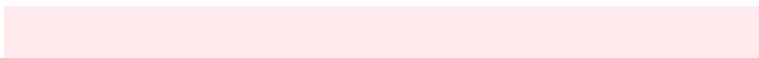
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0195, 0.2958, 0.3310



88.0195, 0.2987, 0.3099



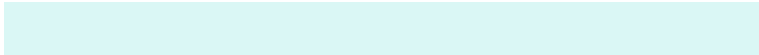
88.0195, 0.3299, 0.3267



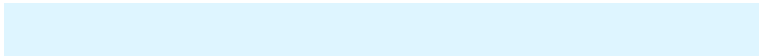
88.0195, 0.3267, 0.3486

Rectangle

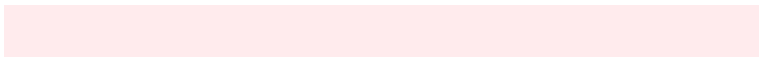
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



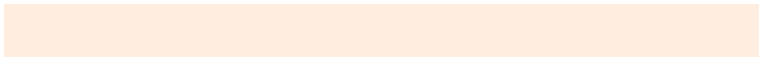
88.0195, 0.2958, 0.3310



88.0195, 0.2912, 0.3153



88.0195, 0.3299, 0.3267



88.0195, 0.3347, 0.3423

Sweetspot

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



88.0232, 0.2958, 0.3310



98.0716, 0.3068, 0.3297



86.8673, 0.3128, 0.3596



20.9162, 0.3058, 0.3298



0.0000, 0.0000, 0.0000



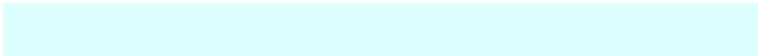
21.4041, 0.3127, 0.3290

Same Dimension

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



88.0232, 0.2958, 0.3310



93.6901, 0.2926, 0.3314



80.9944, 0.2944, 0.3163



18.7371, 0.2990, 0.3306



38.2137, 0.2306, 0.3500



3.3644, 0.2298, 0.3471

Inverse Universe

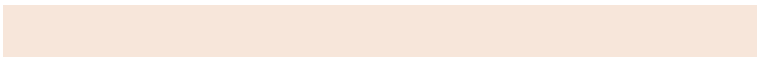
The Inverse Universe completely reimagines the original color for something new.



75.0896, 0.3325, 0.3270



77.3400, 0.3370, 0.3266



81.4807, 0.3324, 0.3414



16.5009, 0.3283, 0.3274



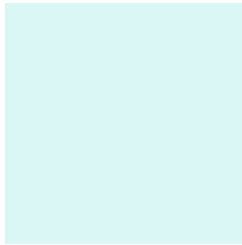
10.4863, 0.6329, 0.3260



0.9280, 0.6156, 0.3165

Previews

White Background



This preview shows how the Yxy color 88.0195, 0.2958, 0.3310 looks on a white background.

Color Contrast Check

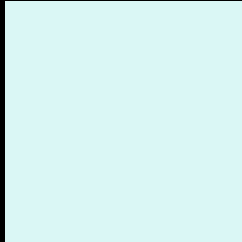
Large Text (above 18pt) WCAG AA × Fail

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 88.0195, 0.2958, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

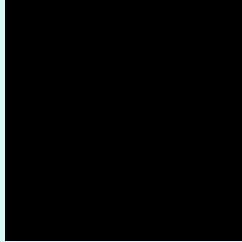
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

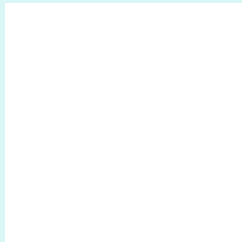
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0195, 0.2958, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 88.0195, 0.2958, 0.3310.

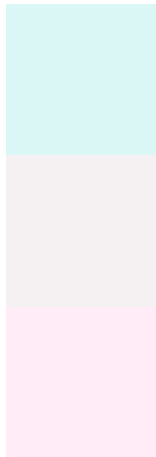


This preview shows how white text looks on a background with the Yxy color 88.0195, 0.2958, 0.3310.

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

88.0195, 0.2958, 0.3310

Protanopia

88.0835, 0.3154, 0.3280

Deuteranopia

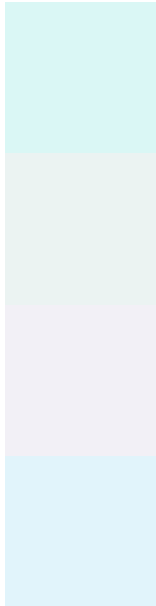
87.9047, 0.3192, 0.3193



Tritanopia

87.9792, 0.2968, 0.3169

Trichromacy



Original Color

88.0195, 0.2958, 0.3310

Protanomaly

88.1742, 0.3082, 0.3300

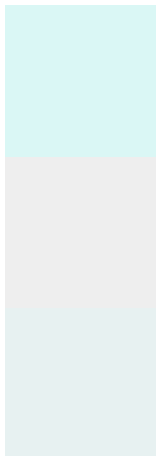
Deuteranomaly

87.8512, 0.3104, 0.3230

Tritanomaly

87.6740, 0.2967, 0.3218

Monochromacy



Original Color

88.0195, 0.2958, 0.3310

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.2504, 0.3062, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0195, 0.2958, 0.3310 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(218, 247, 245)` looks like.

```
.text, #text, p{  
    color:rgb(218, 247, 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(218, 247, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 247, 245) }
```

Border

The CSS property to change the border of an element to Yxy 88.0195, 0.2958, 0.3310 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(218, 247, 245) }
```

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

```
.border{ border-color:rgb(218, 247, 245) }
```

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

Here you see how a box with a 4 pixel rgb(218, 247, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 247, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 247, 245);  
box-shadow:4px 4px 4px 4px rgb(218, 247,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0195, 0.2958, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 247, 245) }
```

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

```
.background{ background-color: rgb(218,  
247, 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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