

Converting Colors

$Yxy(88.1312, 0.2994, 0.3310)$

Have a look what the booklet for
Yxy(88.1312, 0.2994, 0.3310)
contains.

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Color

Yxy(88.1312, 0.2994, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	DFF6F4
RGB	223, 246, 244
RGB Percent	87%, 96%, 96%
CMY	0.1255, 0.0353, 0.0431
CMYK	0.09, 0.00, 0.01, 0.04
HSL	175°, 56%, 92%
HSV	175°, 9%, 96%
XYZ	79.7175, 88.1312, 98.4087
YIQ	238.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

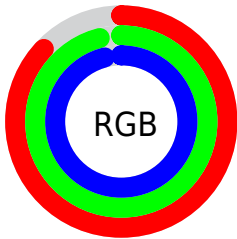
Format	Color
R _Y B	223, 235, 246
Decimal	14677748
CIE Lab	95.22, -7.85, -1.62
CIE LCh	95, 8.016, 191.641
Yxy	88.1312, 0.2994, 0.3310
Android (android.graphics.Color)	4292867828 (0xFFDFF6F4)
YUV	238.8950, 2.5168, -13.9399
Hunter-Lab	93.8782, -12.7121, 3.5634

Details

The Yxy color **88.1312, 0.2994, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.8043, 0.3278, 0.3270**, and the grayscale version is **86.2211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7826, 0.2966, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **84.3786, 0.2859, 0.3333**, and if you desaturate by 10%, it is **92.4604, 0.3137, 0.3289**.

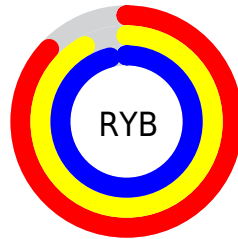
Distribution



Red (87%)

Green (96%)

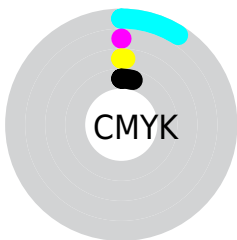
Blue (96%)



Red (87%)

Yellow (92%)

Blue (96%)

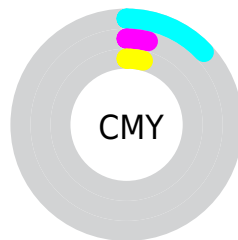


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (4%)



Cyan (13%)


Magenta (4%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1312, 0.2994, 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 88.1312, 0.2994, 0.3310 by changing the saturation by 10% instead.


 88.1312, 0.2994,
0.3310

 88.1312, 0.2994,
0.3310


521.9328, 0.3053,
0.3301

 66.4317, 0.2981,
0.3312


144.7398, 0.3014,
0.3307

 48.6230, 0.2965,
0.3314

180.4177, 0.3022,
0.3306

 34.3205, 0.2945,
0.3317


221.5239, 0.3029,
0.3305

 23.1399, 0.2920,
0.3320

268.4428, 0.3035,
0.3304

 14.6968, 0.2886,
0.3325

321.5587, 0.3041,
0.3303

 8.6069, 0.2840,
0.3331

381.2561, 0.3045,

 4.4857, 0.2771,

0.3303

447.9193, 0.3050,
0.3302

0.3339

■ 1.9488, 0.2660,
0.3352

■ 0.5775, 0.2131,
0.3444

■ 88.1312, 0.2994,
0.3310

■ 88.1312, 0.2994,
0.3310

■ 84.3786, 0.2859,
0.3333

■ 92.4604, 0.3137,
0.3289

■ 81.1671, 0.2734,
0.3359

■ 93.9685, 0.3171,
0.3268


■ 78.4743, 0.2622,
0.3386


■ 94.1014, 0.3159,
0.3248

■ 76.2718, 0.2525,
0.3414


■ 94.2359, 0.3146,
0.3228


 74.5286, 0.2447,
0.3443


 94.3719, 0.3133,
0.3207

 73.2103, 0.2388,
0.3473

 94.3944, 0.3131,
0.3204

 72.2773, 0.2349,
0.3502

 71.6828, 0.2328,
0.3532

 71.3542, 0.2323,
0.3561

Harmonies

Analogous

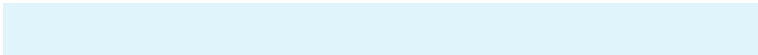
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1312, 0.3069, 0.3387



88.1312, 0.2994, 0.3310



88.1312, 0.2955, 0.3229

Triad

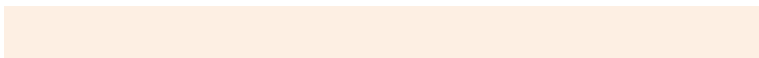
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1312, 0.2994, 0.3310



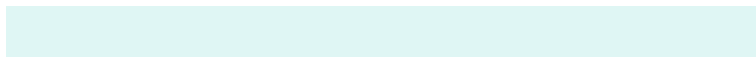
88.1312, 0.3093, 0.3148



88.1312, 0.3296, 0.3413

Complementary

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



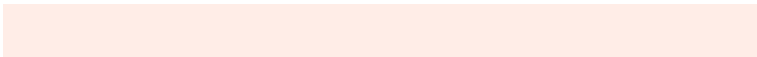
88.1312, 0.2994, 0.3310



77.8043, 0.3278, 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.



88.1312, 0.3303, 0.3348



88.1312, 0.2994, 0.3310



88.1312, 0.3185, 0.3196

Square

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



88.1312, 0.2994, 0.3310



88.1312, 0.3011, 0.3137



88.1312, 0.3262, 0.3269



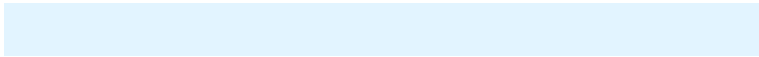
88.1312, 0.3243, 0.3447

Rectangle

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



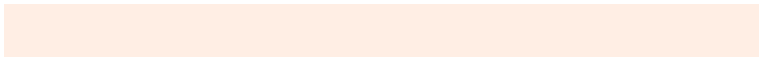
88.1312, 0.2994, 0.3310



88.1312, 0.2954, 0.3183



88.1312, 0.3262, 0.3269



88.1312, 0.3303, 0.3394

Sweetspot

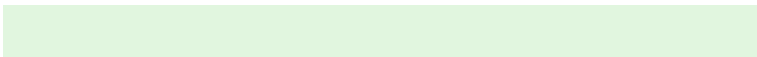
The Sweet Spot groups the original color and five complimentary colors.



88.1349, 0.2994, 0.3310



98.5353, 0.3084, 0.3296



87.2979, 0.3131, 0.3530



21.0089, 0.3072, 0.3298



0.0000, 0.0000, 0.0000



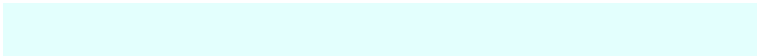
21.4041, 0.3127, 0.3290

Same Dimension

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



88.1349, 0.2994, 0.3310



94.9076, 0.2971, 0.3314



82.7961, 0.2982, 0.3194



18.7317, 0.2992, 0.3310



38.0855, 0.2322, 0.3558



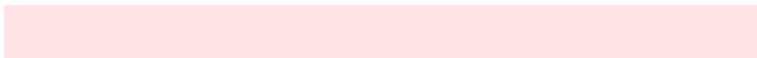
3.3545, 0.2312, 0.3521

Inverse Universe

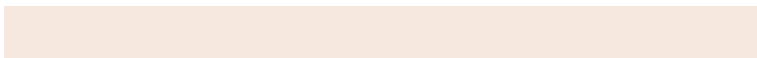
The Inverse Universe completely reimagines the original color for something new.



77.8043, 0.3278, 0.3270



81.8489, 0.3308, 0.3266



82.7481, 0.3281, 0.3384



16.5058, 0.3280, 0.3270



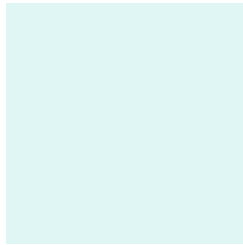
10.4956, 0.6306, 0.3247



0.9303, 0.6095, 0.3131

Previews

White Background



This preview shows how the Yxy color 88.1312, 0.2994, 0.3310 looks on a white background.

Color Contrast Check

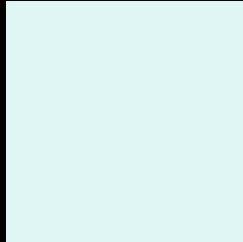
Large Text (above 18pt) WCAG AA × Fail

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 88.1312, 0.2994, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

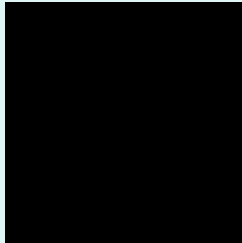
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

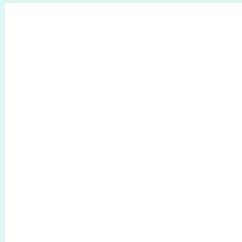
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1312, 0.2994, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 88.1312, 0.2994, 0.3310.

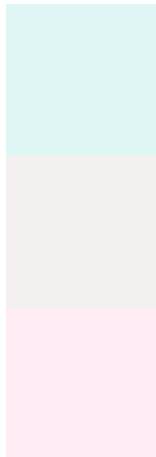


This preview shows how white text looks on a background with the Yxy color 88.1312, 0.2994, 0.3310.

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

88.1312, 0.2994, 0.3310

Protanopia

88.0239, 0.3160, 0.3290

Deuteranopia

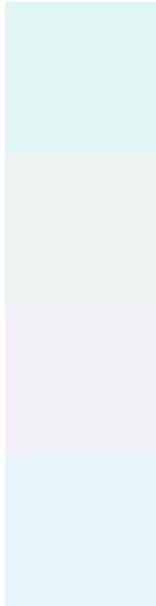
87.8435, 0.3198, 0.3203



Tritanopia

87.8801, 0.2987, 0.3159

Trichromacy



Original Color

88.1312, 0.2994, 0.3310

Protanomaly

87.8597, 0.3101, 0.3300

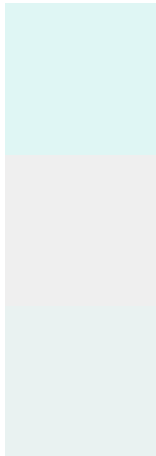
Deuteranomaly

87.9674, 0.3116, 0.3240

Tritanomaly

87.7242, 0.2991, 0.3209

Monochromacy



Original Color

88.1312, 0.2994, 0.3310

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.1788, 0.3075, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1312, 0.2994, 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(223, 246, 244)` looks like.

```
.text, #text, p{  
    color:rgb(223, 246, 244)  
}
```

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(223, 246, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 246, 244) }
```

Border

The CSS property to change the border of an element to Yxy 88.1312, 0.2994, 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(223, 246, 244) }
```

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

```
.border{ border-color:rgb(223, 246, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 246, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 246, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 246, 244);  
box-shadow:4px 4px 4px 4px rgb(223, 246,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1312, 0.2994, 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(223, 246, 244) }
```

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

```
.background{ background-color: rgb(223,  
246, 244) }
```

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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