

Converting Colors

Yxy(87.9626, 0.2940, 0.3331)

Have a look what the booklet for
Yxy(87.9626, 0.2940, 0.3331)
contains.

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Color

Yxy(87.9626, 0.2940, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	D6F8F4
RGB	214, 248, 244
RGB Percent	84%, 97%, 96%
CMY	0.1606, 0.0275, 0.0431
CMYK	0.14, 0.00, 0.02, 0.03
HSL	173°, 71%, 91%
HSV	173°, 14%, 97%
XYZ	77.6374, 87.9626, 98.4727
YIQ	237.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

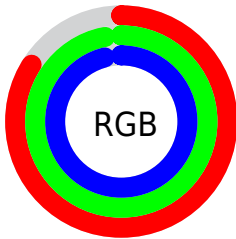
Format	Color
R_{YB}	214, 232, 248
Decimal	14088436
CIE _{Lab}	95.15, -11.68, -1.78
CIE _{LCh}	95, 11.818, 188.671
Yxy	87.9626, 0.2940, 0.3331
Android (android.graphics.Color)	4292278516 (0xFFD6F8F4)
YUV	237.3780, 3.2646, -20.5025
Hunter-Lab	93.7884, -16.3686, 3.4006

Details

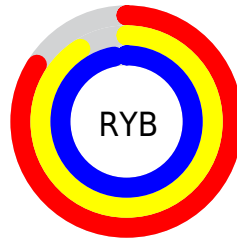
The Yxy color **87.9626, 0.2940, 0.3331** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.1362, 0.3351, 0.3250**, and the grayscale version is **84.9878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7010, 0.2899, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **84.3377, 0.2812, 0.3364**, and if you desaturate by 10%, it is **92.1658, 0.3076, 0.3301**.

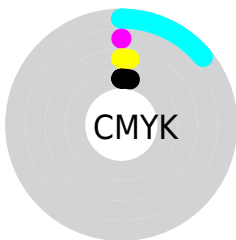
Distribution



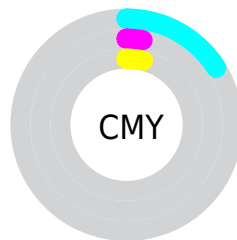
- Red (84%)
- Green (97%)
- Blue (96%)



- Red (84%)
- Yellow (91%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)





- Cyan (16%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.9626, 0.2940, 0.3331 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 87.9626, 0.2940, 0.3331 by changing the saturation by 10% instead.

 87.9626, 0.2940,
0.3331

 87.9626, 0.2940,
0.3331


521.3807, 0.3023,
0.3313

 66.2921, 0.2922,
0.3335


144.5051, 0.2968,
0.3325

 48.5096, 0.2899,
0.3339


180.1459, 0.2980,
0.3323

 34.2306, 0.2871,
0.3345


221.2122, 0.2989,
0.3321

 23.0708, 0.2836,
0.3352

268.0884, 0.2998,
0.3319

 14.6458, 0.2789,
0.3362

321.1590, 0.3005,
0.3317

 8.5712, 0.2724,
0.3375


380.8083, 0.3012,


 4.4626, 0.2628,


0.3316


447.4208, 0.3018,
0.3314

0.3392


 1.9355, 0.2474,
0.3420


 0.5696, 0.1631,
0.3627


 87.9626, 0.2940,
0.3331

 87.9626, 0.2940,
0.3331


 84.3377, 0.2812,
0.3364


 92.1658, 0.3076,
0.3301


 81.2543, 0.2696,
0.3400


 95.2834, 0.3161,
0.3272


 78.6887, 0.2593,
0.3438


 95.4678, 0.3144,
0.3245


 76.6108, 0.2507,
0.3478


 95.6116, 0.3130,
0.3223

 74.9876, 0.2439,
0.3518

 73.7817, 0.2391,
0.3560

 72.9502, 0.2362,
0.3601

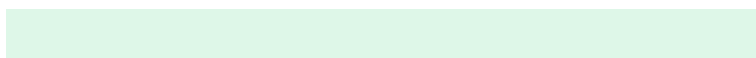
 72.4405, 0.2352,
0.3642

 72.2360, 0.2352,
0.3668

Harmonies

Analogous

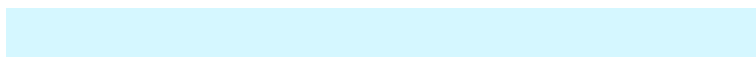
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9626, 0.3053, 0.3444



87.9626, 0.2940, 0.3331



87.9626, 0.2877, 0.3209

Triad

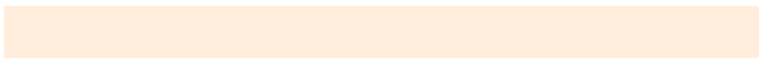
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9626, 0.2940, 0.3331



87.9626, 0.3063, 0.3078



87.9626, 0.3380, 0.3463

Complementary

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



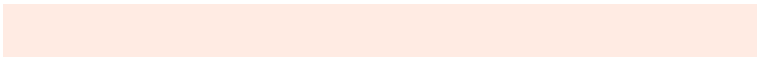
87.9626, 0.2940, 0.3331



73.1362, 0.3351, 0.3250

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.



87.9626, 0.3384, 0.3362



87.9626, 0.2940, 0.3331



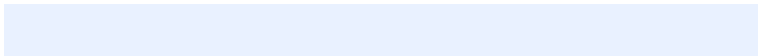
87.9626, 0.3198, 0.3143

Square

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



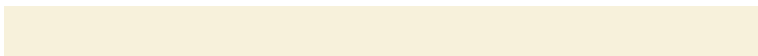
87.9626, 0.2940, 0.3331



87.9626, 0.2947, 0.3066



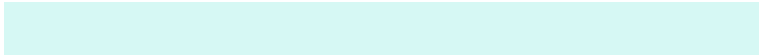
87.9626, 0.3317, 0.3246



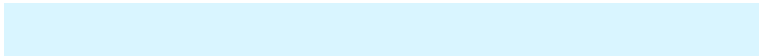
87.9626, 0.3308, 0.3519

Rectangle

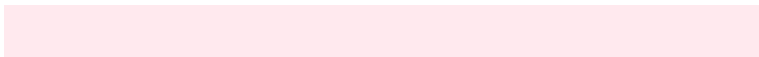
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



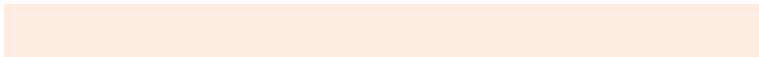
87.9626, 0.2940, 0.3331



87.9626, 0.2871, 0.3140



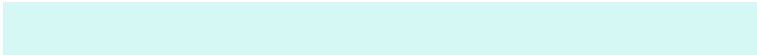
87.9626, 0.3317, 0.3246



87.9626, 0.3390, 0.3433

Sweetspot

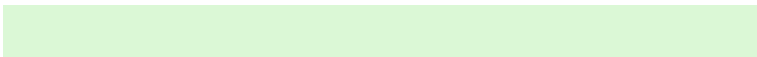
The Sweet Spot groups the original color and five complimentary colors.



87.9663, 0.2940, 0.3331



98.0394, 0.3071, 0.3301



86.9828, 0.3139, 0.3651



20.9080, 0.3061, 0.3304



0.0000, 0.0000, 0.0000



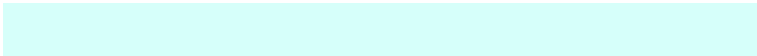
21.4041, 0.3127, 0.3290

Same Dimension

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



87.9663, 0.2940, 0.3331



92.7608, 0.2909, 0.3339



80.8104, 0.2914, 0.3159



19.5713, 0.2996, 0.3318



39.0375, 0.2350, 0.3661



3.6252, 0.2337, 0.3612

Inverse Universe

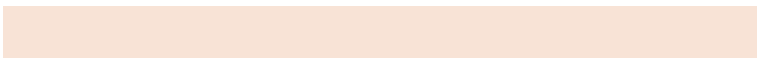
The Inverse Universe completely reimagines the original color for something new.



73.1362, 0.3351, 0.3250



74.5690, 0.3397, 0.3242



79.4747, 0.3362, 0.3418



17.2584, 0.3275, 0.3262



10.8392, 0.6258, 0.3221



1.0142, 0.6009, 0.3084

Previews

White Background



This preview shows how the Yxy color 87.9626, 0.2940, 0.3331 looks on a white background.

Color Contrast Check

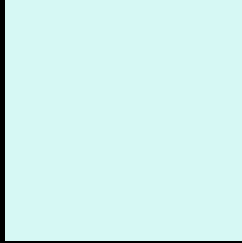
Large Text (above 18pt) WCAG AA × Fail

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 87.9626, 0.2940, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

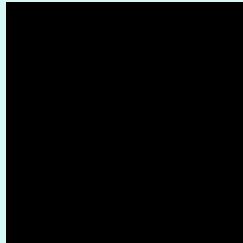
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

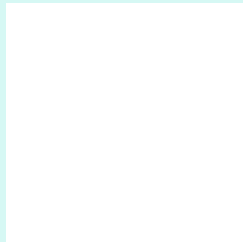
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.9626, 0.2940, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 87.9626, 0.2940, 0.3331.

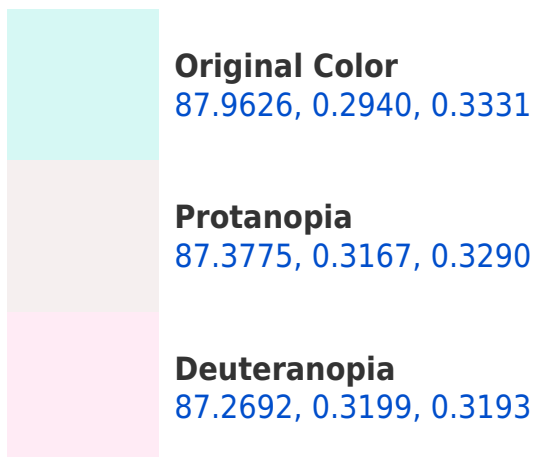


This preview shows how white text looks on a background with the Yxy color 87.9626, 0.2940, 0.3331.

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

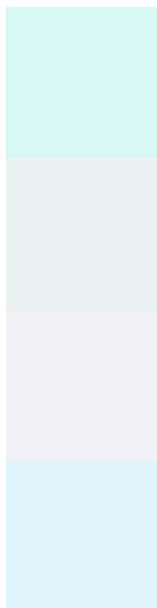




Tritanopia

87.6521, 0.2956, 0.3168

Trichromacy



Original Color

87.9626, 0.2940, 0.3331

Protanomaly

87.3476, 0.3081, 0.3300

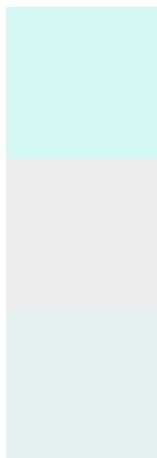
Deuteranomaly

87.4380, 0.3097, 0.3240

Tritanomaly

87.7994, 0.2948, 0.3228

Monochromacy



Original Color

87.9626, 0.2940, 0.3331

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.8599, 0.3055, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.9626, 0.2940, 0.3331 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, 248, 244)` looks like.

```
.text, #text, p{  
    color:rgb(214, 248, 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(214, 248, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 248, 244) }
```

Border

The CSS property to change the border of an element to Yxy 87.9626, 0.2940, 0.3331 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, 248, 244) }
```

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

```
.border{ border-color:rgb(214, 248, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 248, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 248, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 248, 244);  
box-shadow:4px 4px 4px 4px rgb(214, 248,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 87.9626, 0.2940, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 248, 244) }
```

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

```
.background{ background-color: rgb(214,  
248, 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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