

Converting Colors

Yxy(162.4399, 0.3007, 0.4044)

Have a look what the booklet for
Yxy(162.4399, 0.3007, 0.4044)
contains.

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Color

Yxy(96.1682, 0.3005, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	EAFFFE
RGB	234, 255, 254
RGB Percent	92%, 100%, 100%
CMY	0.0824, 0.0000, 0.0041
CMYK	0.08, 0.00, 0.00, 0.00
HSL	177°, 100%, 96%
HSV	177°, 8%, 100%
XYZ	87.5713, 96.1682, 107.6792
YIQ	248.6070, -12.1950, -4.7630

Conversions

Conversions Part 2

Format	Color
R _Y B	234, 245, 255
Decimal	15400958
CIE Lab	98.50, -7.00, -1.85
CIE LCh	98, 7.238, 194.792
Yxy	96.1682, 0.3005, 0.3300
Android (android.graphics.Color)	4293591038 (0xFFEAF _{FF} E)
YUV	248.6070, 2.6587, -12.8103
Hunter-Lab	98.0654, -12.2158, 3.5433

Details

The Yxy color 96.1682, 0.3005, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.0954, 0.3263, 0.3280, and the grayscale version is 94.3686, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8844, 0.2980, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 92.0729, 0.2864, 0.3313, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



- Red (92%)
- Green (100%)
- Blue (100%)



- Red (92%)
- Yellow (96%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (8%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.1682, 0.3005, 0.3300 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 96.1682, 0.3005, 0.3300 by changing the saturation by 10% instead.


 96.1682, 0.3005,
0.3300

 96.1682, 0.3005,
0.3300


547.8981, 0.3059,
0.3296

 73.1077, 0.2993,
0.3301


155.8775, 0.3023,
0.3299

 54.0640, 0.2979,
0.3302


193.2951, 0.3030,
0.3298

 38.6528, 0.2962,
0.3303


236.2671, 0.3037,
0.3298

 26.4898, 0.2940,
0.3304

285.1780, 0.3042,
0.3297

 17.1904, 0.2911,
0.3306

340.4122, 0.3047,
0.3297

 10.3703, 0.2872,
0.3309

402.3540, 0.3051,

 5.6452, 0.2816,

0.3297

0.3312

471.3878, 0.3055,
0.3296

■ 2.6306, 0.2727,
0.3316

■ 0.9420, 0.2555,
0.3327

■ 96.1682, 0.3005,
0.3300

■ 96.1682, 0.3005,
0.3300

■ 92.0729, 0.2864,
0.3313

100.0000, 0.3127,
0.3290

■ 88.5782, 0.2733,
0.3327

■ 85.6504, 0.2616,
0.3342

■ 83.2590, 0.2515,
0.3358

■ 81.3703, 0.2432,
0.3374

■ 79.9473, 0.2368,
0.3390

■ 78.9474, 0.2325,
0.3407

■ 78.3204, 0.2300,
0.3424

■ 77.9974, 0.2291,
0.3440

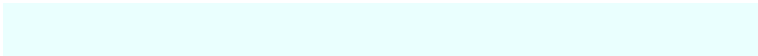
Harmonies

Analogous

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



96.1682, 0.3068, 0.3369



96.1682, 0.3005, 0.3300



96.1682, 0.2975, 0.3229

Triad

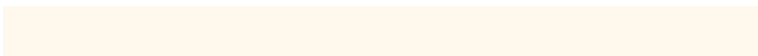
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.1682, 0.3005, 0.3300



96.1682, 0.3106, 0.3168



96.1682, 0.3272, 0.3403

Complementary

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



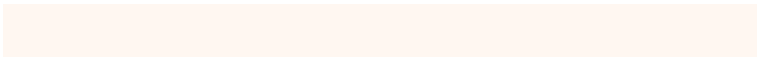
96.1682, 0.3005, 0.3300



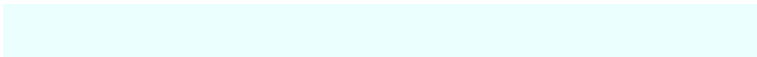
86.0954, 0.3263, 0.3280

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.



96.1682, 0.3282, 0.3348



96.1682, 0.3005, 0.3300



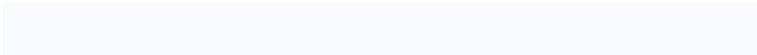
96.1682, 0.3186, 0.3213

Square

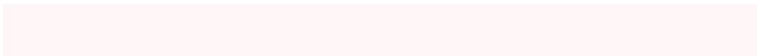
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.1682, 0.3005, 0.3300



96.1682, 0.3032, 0.3155



96.1682, 0.3251, 0.3279



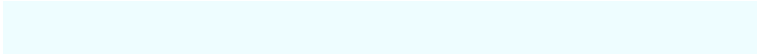
96.1682, 0.3222, 0.3428

Rectangle

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



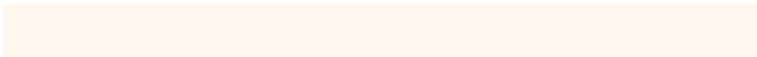
96.1682, 0.3005, 0.3300



96.1682, 0.2977, 0.3191



96.1682, 0.3251, 0.3279



96.1682, 0.3280, 0.3387

Sweetspot

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



96.1629, 0.3005, 0.3300



99.0293, 0.3097, 0.3292



95.1275, 0.3124, 0.3501



21.2065, 0.3099, 0.3292



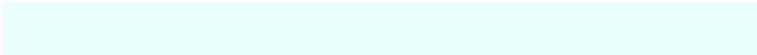
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

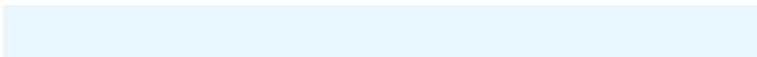
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1629, 0.3005, 0.3300



95.3995, 0.2980, 0.3302



90.3430, 0.2999, 0.3196



20.4651, 0.2987, 0.3301



40.7400, 0.2289, 0.3440



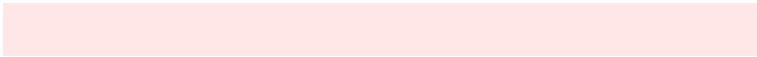
3.9713, 0.2284, 0.3421

Inverse Universe

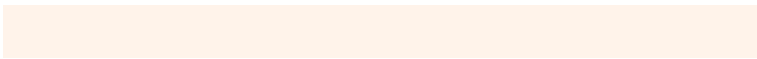
The Inverse Universe completely reimagines the original color for something new.



86.0954, 0.3263, 0.3280



83.3317, 0.3296, 0.3278



91.5648, 0.3261, 0.3383



18.0016, 0.3287, 0.3279



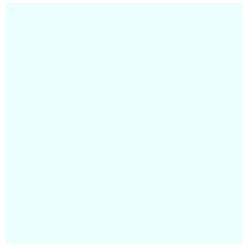
11.1295, 0.6351, 0.3272



1.0885, 0.6235, 0.3208

Previews

White Background



This preview shows how the Yxy color 96.1682, 0.3005, 0.3300 looks on a white background.

Color Contrast Check

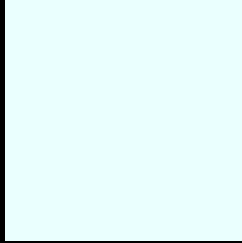
Large Text (above 18pt) WCAG AA × Fail

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 96.1682, 0.3005, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

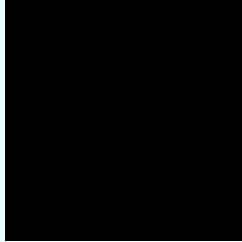
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.1682, 0.3005, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 96.1682, 0.3005, 0.3300.

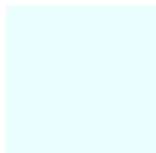


This preview shows how white text looks on a background with the Yxy color 96.1682, 0.3005, 0.3300.

Color Blindness Simulation

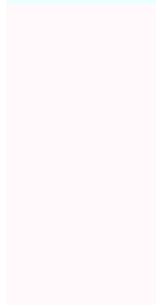
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.1682, 0.3005, 0.3300



Protanopia

95.9764, 0.3153, 0.3271

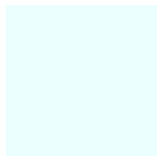
Deuteranopia

96.0396, 0.3148, 0.3261

Tritanopia

96.1708, 0.3085, 0.3251

Trichromacy



Original Color

96.1682, 0.3005, 0.3300

Protanomaly

95.7968, 0.3096, 0.3280

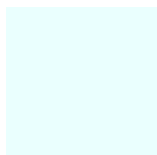
Deuteranomaly

95.8604, 0.3091, 0.3271

Tritanomaly

95.8955, 0.3054, 0.3261

Monochromacy



Original Color

96.1682, 0.3005, 0.3300

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.1925, 0.3083, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.1682, 0.3005, 0.3300 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(234, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 254)  
}
```

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(234, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 254) }
```

Border

The CSS property to change the border of an element to Yxy 96.1682, 0.3005, 0.3300 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(234, 255, 254) }
```

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

```
.border{ border-color:rgb(234, 255, 254) }
```

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

Here you see how a box with a 4 pixel rgb(234, 255, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 96.1682, 0.3005, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 254) }
```

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

```
.background{ background-color: rgb(234,  
255, 254) }
```

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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