

Converting Colors

$Yxy(95.6498, 0.2987, 0.3300)$

Have a look what the booklet for
Yxy(95.6498, 0.2987, 0.3300)
contains.

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Color

Yxy(95.6647, 0.2987, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFFE
RGB	231, 255, 254
RGB Percent	91%, 100%, 100%
CMY	0.0943, 0.0000, 0.0041
CMYK	0.09, 0.00, 0.00, 0.00
HSL	177°, 100%, 95%
HSV	177°, 9%, 100%
XYZ	86.5910, 95.6647, 107.6373
YIQ	247.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

Format	Color
R _Y B	231, 243, 255
Decimal	15204350
CIE Lab	98.30, -7.96, -2.17
CIE LCh	98, 8.248, 195.235
Yxy	95.6647, 0.2987, 0.3300
Android (android.graphics.Color)	4293394430 (0xFFE7FFFE)
YUV	247.7100, 3.1010, -14.6547
Hunter-Lab	97.8083, -13.1361, 3.2177

Details

The Yxy color 95.6647, 0.2987, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.2186, 0.3286, 0.3280, and the grayscale version is 93.5902, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5333, 0.2958, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 91.6489, 0.2846, 0.3311, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



- Red (91%)
- Green (100%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6647, 0.2987, 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 95.6647, 0.2987, 0.3300 by changing the saturation by 10% instead.

 95.6647, 0.2987,
0.3300

 95.6647, 0.2987,
0.3300

546.2908, 0.3049,
0.3296

 72.6883, 0.2974,
0.3301


155.1826, 0.3008,
0.3299

 53.7212, 0.2957,
0.3302


192.4929, 0.3016,
0.3298

 38.3788, 0.2938,
0.3303


235.3500, 0.3023,
0.3298

 26.2768, 0.2912,
0.3304

284.1382, 0.3029,
0.3297

 17.0308, 0.2879,
0.3306

339.2420, 0.3035,
0.3297

 10.2565, 0.2834,
0.3308

401.0458, 0.3040,

 5.5693, 0.2769,

0.3297

0.3310

469.9339, 0.3045,
0.3296

■ 2.5850, 0.2668,
0.3313

■ 0.9191, 0.2458,
0.3327

■ 95.6647, 0.2987,
0.3300

■ 95.6647, 0.2987,
0.3300

■ 91.6489, 0.2846,
0.3311

100.0000, 0.3127,
0.3290

■ 88.2330, 0.2716,
0.3324

■ 85.3804, 0.2600,
0.3337

■ 83.0601, 0.2501,
0.3350

■ 81.2384, 0.2420,
0.3364

■ 79.8774, 0.2358,
0.3379

■ 78.9340, 0.2316,
0.3393

■ 78.3568, 0.2293,
0.3407

■ 78.0668, 0.2284,
0.3421

Harmonies

Analogous

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



95.6647, 0.3058, 0.3379



95.6647, 0.2987, 0.3300



95.6647, 0.2953, 0.3220

Triad

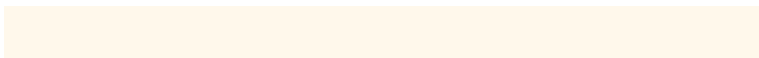
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.6647, 0.2987, 0.3300



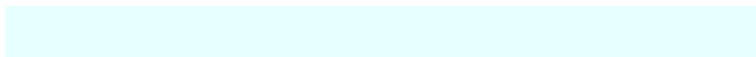
95.6647, 0.3104, 0.3152



95.6647, 0.3292, 0.3419

Complementary

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



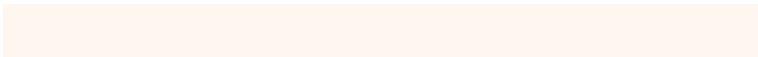
95.6647, 0.2987, 0.3300



84.2186, 0.3286, 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.



95.6647, 0.3305, 0.3357



95.6647, 0.2987, 0.3300



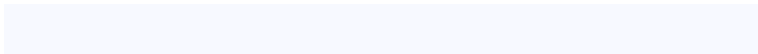
95.6647, 0.3195, 0.3204

Square

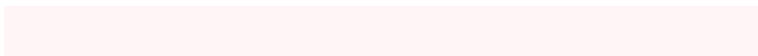
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



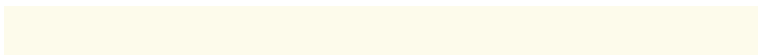
95.6647, 0.2987, 0.3300



95.6647, 0.3020, 0.3136



95.6647, 0.3269, 0.3278



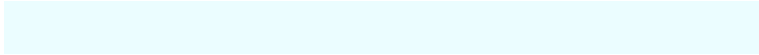
95.6647, 0.3234, 0.3448

Rectangle

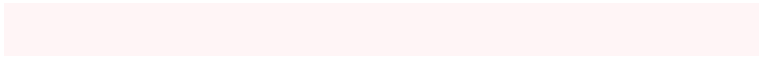
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



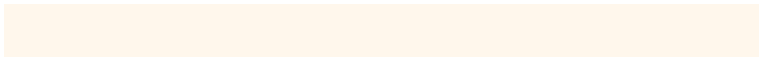
95.6647, 0.2987, 0.3300



95.6647, 0.2956, 0.3176



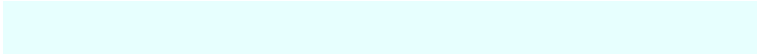
95.6647, 0.3269, 0.3278



95.6647, 0.3301, 0.3401

Sweetspot

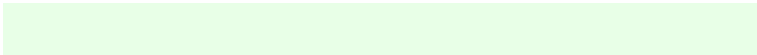
The Sweet Spot groups the original color and five complimentary colors.



95.6568, 0.2987, 0.3300



98.5567, 0.3082, 0.3293



94.4714, 0.3123, 0.3533



21.0147, 0.3070, 0.3294



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

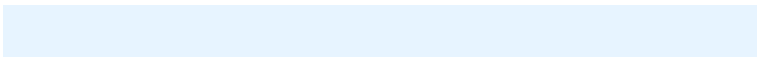
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6568, 0.2987, 0.3300



94.9853, 0.2964, 0.3302



89.0156, 0.2981, 0.3181



20.4672, 0.2986, 0.3300



40.7906, 0.2283, 0.3420



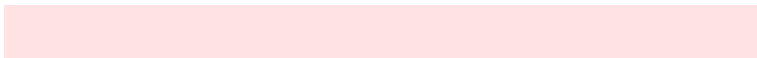
3.9757, 0.2279, 0.3404

Inverse Universe

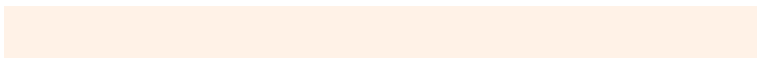
The Inverse Universe completely reimagines the original color for something new.



84.2186, 0.3286, 0.3280



81.7810, 0.3316, 0.3279



90.4015, 0.3282, 0.3396



17.9997, 0.3288, 0.3280



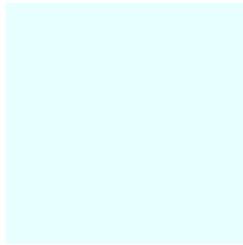
11.1268, 0.6357, 0.3276



1.0876, 0.6255, 0.3220

Previews

White Background



This preview shows how the Yxy color 95.6647, 0.2987, 0.3300 looks on a white background.

Color Contrast Check

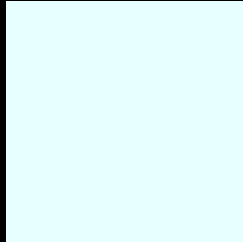
Large Text (above 18pt) WCAG AA × Fail

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 95.6647, 0.2987, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

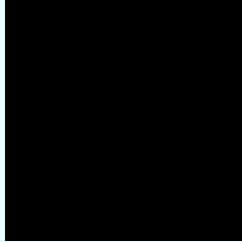
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6647, 0.2987, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 95.6647, 0.2987, 0.3300.



This preview shows how white text looks on a background with the Yxy color 95.6647, 0.2987, 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

95.6647, 0.2987, 0.3300



Protanopia

95.7243, 0.3153, 0.3280

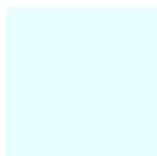
Deuteranopia

95.3598, 0.3154, 0.3261

Tritanopia

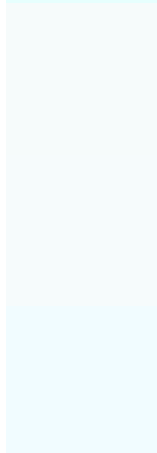
95.1840, 0.3073, 0.3241

Trichromacy



Original Color

95.6647, 0.2987, 0.3300



Protanomaly

95.5522, 0.3096, 0.3290

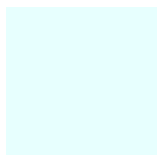
Deuteranomaly

95.6155, 0.3090, 0.3280

Tritanomaly

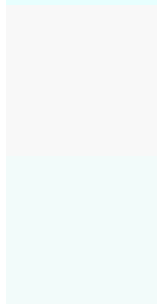
95.5416, 0.3042, 0.3260

Monochromacy



Original Color

95.6647, 0.2987, 0.3300



Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.7737, 0.3077, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6647, 0.2987, 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(231, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 254) }
```

Border

The CSS property to change the border of an element to Yxy 95.6647, 0.2987, 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(231, 255, 254) }
```

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

```
.border{ border-color:rgb(231, 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(231, 255, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6647, 0.2987, 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(231, 255, 254) }
```

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

```
.background{ background-color: rgb(231,  
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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