

Converting Colors

$Yxy(95.3537, 0.2983, 0.3309)$

Have a look what the booklet for
Yxy(95.3537, 0.2983, 0.3309)
contains.

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Color

Yxy(95.2699, 0.2981, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFFD
RGB	229, 255, 253
RGB Percent	90%, 100%, 99%
CMY	0.1019, 0.0000, 0.0080
CMYK	0.10, 0.00, 0.01, 0.00
HSL	175°, 100%, 95%
HSV	175°, 10%, 100%
XYZ	85.8005, 95.2699, 106.7541
YIQ	246.9980, -14.8540, -6.1340

Conversions

Conversions Part 2

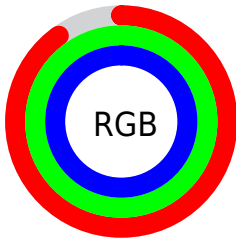
Format	Color
R _Y B	229, 243, 255
Decimal	15073277
CIE Lab	98.14, -8.76, -1.89
CIE LCh	98, 8.961, 192.192
Yxy	95.2699, 0.2981, 0.3310
Android (android.graphics.Color)	4293263357 (0xFFE5FFFD)
YUV	246.9980, 2.9590, -15.7842
Hunter-Lab	97.6063, -13.9012, 3.4777

Details

The Yxy color **95.2699, 0.2981, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.0825, 0.3294, 0.3270**, and the grayscale version is **92.9944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2579, 0.2950, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **91.2509, 0.2845, 0.3331**, and if you desaturate by 10%, it is **99.9065, 0.3124, 0.3290**.

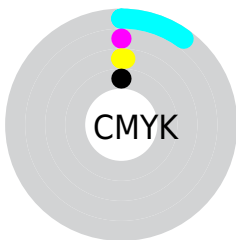
Distribution



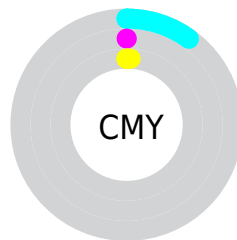
- Red (90%)
- Green (100%)
- Blue (99%)



- Red (90%)
- Yellow (95%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.2699, 0.2981, 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 95.2699, 0.2981, 0.3310 by changing the saturation by 10% instead.


 95.2699, 0.2981,
0.3310

 95.2699, 0.2981,
0.3310


545.0287, 0.3045,
0.3302

 72.3596, 0.2967,
0.3312


154.6374, 0.3003,
0.3307

 53.4525, 0.2950,
0.3314

191.8635, 0.3011,
0.3306

 38.1641, 0.2929,
0.3316


234.6302, 0.3019,
0.3305

 26.1101, 0.2903,
0.3320

283.3221, 0.3025,
0.3304

 16.9060, 0.2868,
0.3324

338.3235, 0.3031,
0.3303

 10.1675, 0.2821,
0.3329

400.0188, 0.3036,

 5.5102, 0.2753,

0.3303

468.7924, 0.3041,
0.3302

0.3336

2.5496, 0.2646,
0.3347

0.9014, 0.2411,
0.3381

95.2699, 0.2981,
0.3310

95.2699, 0.2981,
0.3310

91.2509, 0.2845,
0.3331

99.9065, 0.3124,
0.3290

87.8226, 0.2720,
0.3355

100.0000, 0.3127,
0.3290

84.9563, 0.2609,
0.3379

82.6208, 0.2513,
0.3405

■ 80.7820, 0.2436,
0.3431

■ 79.4019, 0.2378,
0.3458

■ 78.4366, 0.2340,
0.3485

■ 77.8341, 0.2321,
0.3512

■ 77.5126, 0.2316,
0.3538

Harmonies

Analogous

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



95.2699, 0.3062, 0.3395



95.2699, 0.2981, 0.3310



95.2699, 0.2939, 0.3221

Triad

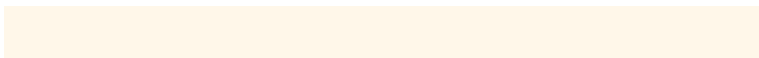
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.2699, 0.2981, 0.3310



95.2699, 0.3092, 0.3136



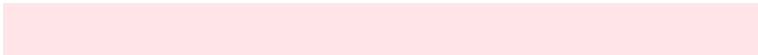
95.2699, 0.3310, 0.3425

Complementary

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



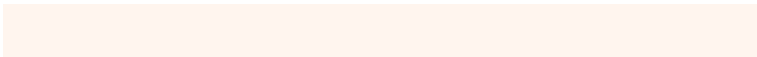
95.2699, 0.2981, 0.3310



83.0825, 0.3294, 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.



95.2699, 0.3319, 0.3354



95.2699, 0.2981, 0.3310



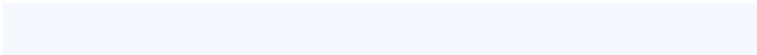
95.2699, 0.3192, 0.3189

Square

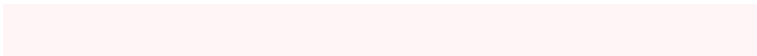
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.2699, 0.2981, 0.3310



95.2699, 0.3003, 0.3123



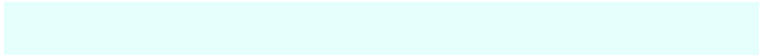
95.2699, 0.3275, 0.3268



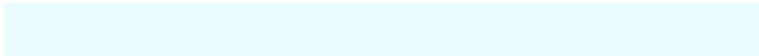
95.2699, 0.3252, 0.3461

Rectangle

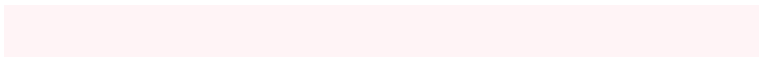
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



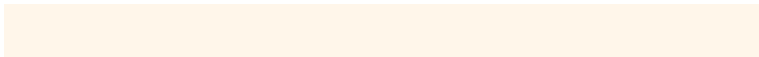
95.2699, 0.2981, 0.3310



95.2699, 0.2939, 0.3172



95.2699, 0.3275, 0.3268



95.2699, 0.3319, 0.3404

Sweetspot

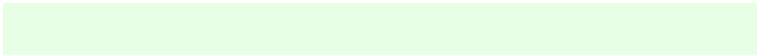
The Sweet Spot groups the original color and five complimentary colors.



95.2700, 0.2981, 0.3310



98.5391, 0.3083, 0.3296



94.1978, 0.3128, 0.3554



21.0099, 0.3072, 0.3297



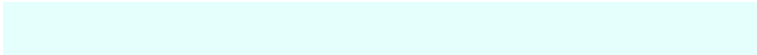
0.0000, 0.0000, 0.0000



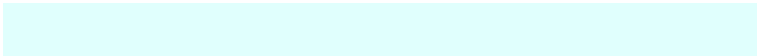
21.4041, 0.3127, 0.3290

Same Dimension

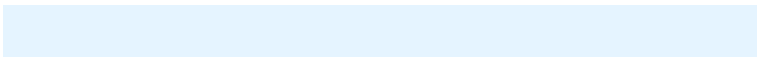
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2700, 0.2981, 0.3310



94.4969, 0.2956, 0.3314



88.6877, 0.2969, 0.3181



20.4553, 0.2991, 0.3309



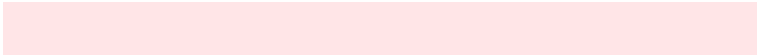
40.5124, 0.2315, 0.3534



3.9516, 0.2307, 0.3503

Inverse Universe

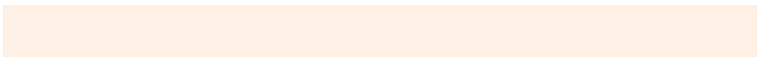
The Inverse Universe completely reimagines the original color for something new.



83.0825, 0.3294, 0.3270



80.3222, 0.3328, 0.3267



89.1468, 0.3296, 0.3397



18.0103, 0.3282, 0.3272



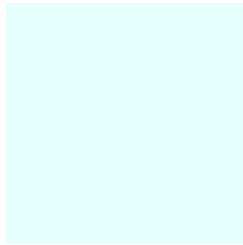
11.1435, 0.6318, 0.3254



1.0926, 0.6141, 0.3157

Previews

White Background



This preview shows how the Yxy color 95.2699, 0.2981, 0.3310 looks on a white background.

Color Contrast Check

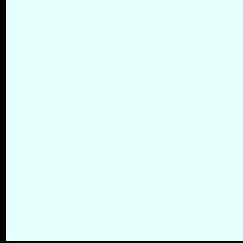
Large Text (above 18pt) WCAG AA × Fail

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 95.2699, 0.2981, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

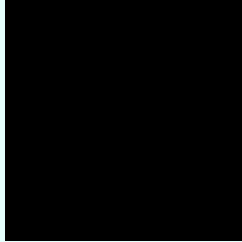
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

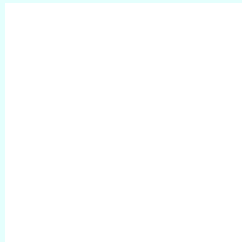
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.2699, 0.2981, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 95.2699, 0.2981, 0.3310.



This preview shows how white text looks on a background with the Yxy color 95.2699, 0.2981, 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

95.2699, 0.2981, 0.3310



Protanopia

95.0452, 0.3159, 0.3280

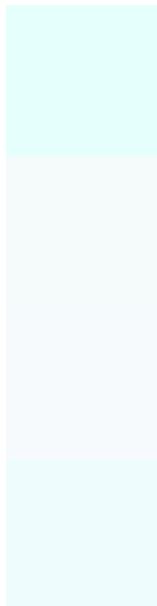
Deuteranopia

94.7466, 0.3155, 0.3252

Tritanopia

95.0037, 0.3067, 0.3241

Trichromacy



Original Color

95.2699, 0.2981, 0.3310

Protanomaly

95.3090, 0.3095, 0.3300

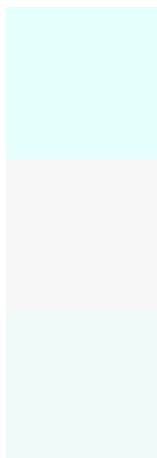
Deuteranomaly

94.9923, 0.3090, 0.3270

Tritanomaly

95.1273, 0.3035, 0.3270

Monochromacy



Original Color

95.2699, 0.2981, 0.3310

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.7360, 0.3070, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2699, 0.2981, 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(229, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 253)  
}
```

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(229, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 253) }
```

Border

The CSS property to change the border of an element to Yxy 95.2699, 0.2981, 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(229, 255, 253) }
```

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

```
.border{ border-color:rgb(229, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2699, 0.2981, 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(229, 255, 253) }
```

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

```
.background{ background-color: rgb(229,  
255, 253) }
```

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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