

Converting Colors

$Y_{xy}(236.8738, 0.2988, 0.4525)$

Have a look what the booklet for
Yxy(236.8738, 0.2988, 0.4525)
contains.

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Color

Yxy(95.1058, 0.2975, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	E4FFFD
RGB	228, 255, 253
RGB Percent	89%, 100%, 99%
CMY	0.1058, 0.0000, 0.0080
CMYK	0.11, 0.00, 0.01, 0.00
HSL	175°, 100%, 95%
HSV	175°, 11%, 100%
XYZ	85.4803, 95.1058, 106.7426
YIQ	246.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

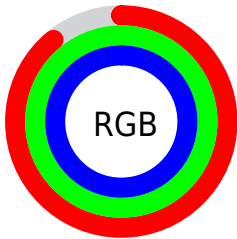
Format	Color
R _Y B	228, 242, 255
Decimal	15007741
CIE Lab	98.08, -9.08, -2.00
CIE LCh	98, 9.296, 192.414
Yxy	95.1058, 0.2975, 0.3310
Android (android.graphics.Color)	4293197821 (0xFFE4FFFD)
YUV	246.6990, 3.1064, -16.3990
Hunter-Lab	97.5222, -14.2048, 3.3699

Details

The Yxy color **95.1058, 0.2975, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.4677, 0.3302, 0.3270**, and the grayscale version is **92.7358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1443, 0.2942, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **91.1143, 0.2839, 0.3331**, and if you desaturate by 10%, it is **99.7110, 0.3119, 0.3291**.

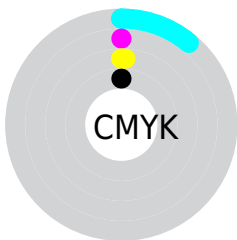
Distribution



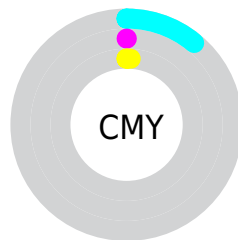
- Red (89%)
- Green (100%)
- Blue (99%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1058, 0.2975, 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 95.1058, 0.2975, 0.3310 by changing the saturation by 10% instead.


 95.1058, 0.2975,
0.3310

 95.1058, 0.2975,
0.3310


544.5036, 0.3042,
0.3302

 72.2230, 0.2960,
0.3312


154.4108, 0.2998,
0.3307

 53.3409, 0.2943,
0.3314


191.6017, 0.3007,
0.3306

 38.0750, 0.2921,
0.3316


234.3309, 0.3014,
0.3305

 26.0409, 0.2894,
0.3320

282.9827, 0.3021,
0.3304

 16.8542, 0.2858,
0.3324

337.9415, 0.3027,
0.3303

 10.1306, 0.2808,
0.3329

399.5916, 0.3033,

 5.4856, 0.2738,

0.3303

468.3175, 0.3038,
0.3302

0.3336

2.5349, 0.2626,
0.3346

0.8941, 0.2376,
0.3383

95.1058, 0.2975,
0.3310

95.1058, 0.2975,
0.3310

91.1143, 0.2839,
0.3331

99.7110, 0.3119,
0.3291

87.7136, 0.2714,
0.3353

100.0000, 0.3127,
0.3290

84.8737, 0.2603,
0.3376

82.5631, 0.2508,
0.3401

■ 80.7478, 0.2431,
0.3427

■ 79.3894, 0.2374,
0.3453

■ 78.4438, 0.2337,
0.3479

■ 77.8587, 0.2318,
0.3504

■ 77.5583, 0.2313,
0.3528

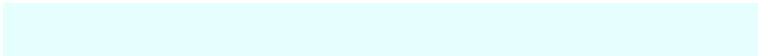
Harmonies

Analogous

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



95.1058, 0.3058, 0.3398



95.1058, 0.2975, 0.3310



95.1058, 0.2932, 0.3218

Triad

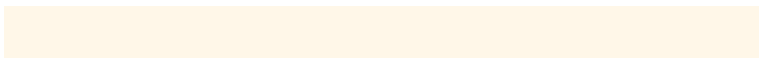
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.1058, 0.2975, 0.3310



95.1058, 0.3091, 0.3131



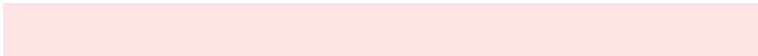
95.1058, 0.3317, 0.3430

Complementary

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



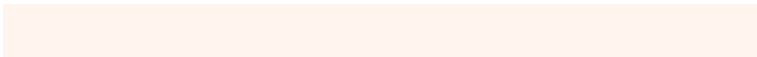
95.1058, 0.2975, 0.3310



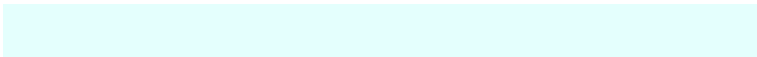
82.4677, 0.3302, 0.3270

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.



95.1058, 0.3326, 0.3357



95.1058, 0.2975, 0.3310



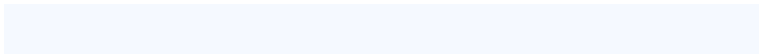
95.1058, 0.3195, 0.3186

Square

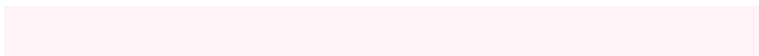
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.1058, 0.2975, 0.3310



95.1058, 0.2998, 0.3116



95.1058, 0.3281, 0.3268



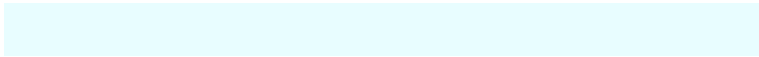
95.1058, 0.3256, 0.3468

Rectangle

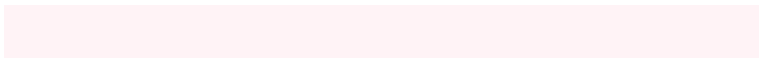
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



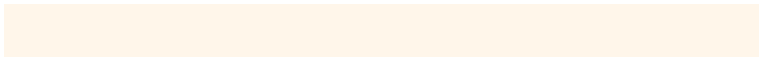
95.1058, 0.2975, 0.3310



95.1058, 0.2932, 0.3167



95.1058, 0.3281, 0.3268



95.1058, 0.3326, 0.3409

Sweetspot

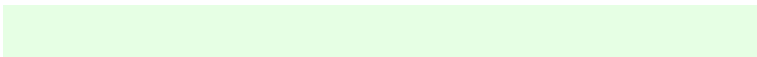
The Sweet Spot groups the original color and five complimentary colors.



95.1045, 0.2975, 0.3310



98.5406, 0.3083, 0.3295



93.9876, 0.3128, 0.3565



21.0103, 0.3072, 0.3297



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

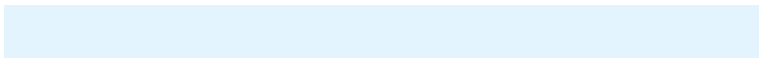
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1045, 0.2975, 0.3310



94.0853, 0.2941, 0.3315



88.2686, 0.2962, 0.3176



20.4563, 0.2990, 0.3308



40.5359, 0.2312, 0.3524



3.9536, 0.2304, 0.3495

Inverse Universe

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



82.4677, 0.3302, 0.3270



78.8243, 0.3348, 0.3266



88.7444, 0.3303, 0.3401



18.0094, 0.3282, 0.3272



11.1418, 0.6322, 0.3256



1.0922, 0.6151, 0.3162

Previews

White Background



This preview shows how the Yxy color 95.1058, 0.2975, 0.3310 looks on a white background.

Color Contrast Check

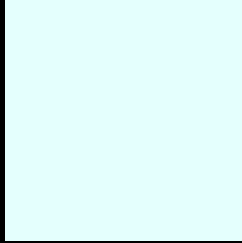
Large Text (above 18pt) WCAG AA × Fail

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 95.1058, 0.2975, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

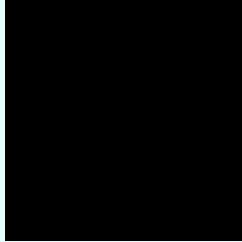
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

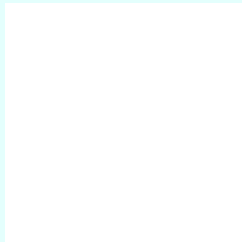
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1058, 0.2975, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 95.1058, 0.2975, 0.3310.



This preview shows how white text looks on a background with the Yxy color 95.1058, 0.2975, 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

95.1058, 0.2975, 0.3310



Protanopia

94.8570, 0.3153, 0.3280

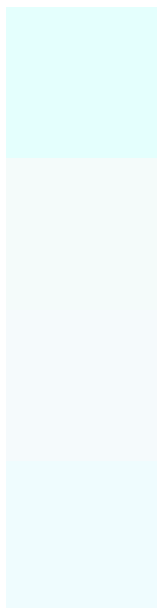
Deuteranopia

94.7466, 0.3155, 0.3252

Tritanopia

95.0037, 0.3067, 0.3241

Trichromacy



Original Color

95.1058, 0.2975, 0.3310

Protanomaly

95.1296, 0.3089, 0.3300

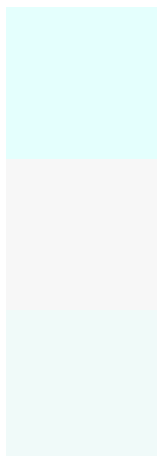
Deuteranomaly

94.8120, 0.3084, 0.3270

Tritanomaly

95.1273, 0.3035, 0.3270

Monochromacy



Original Color

95.1058, 0.2975, 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 95.1058, 0.2975, 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(228, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 253) }
```

Border

The CSS property to change the border of an element to Yxy 95.1058, 0.2975, 0.3310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

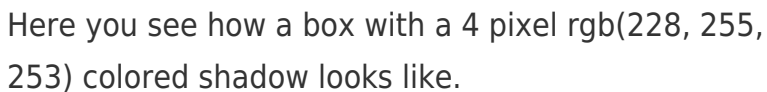
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 255, 253) }
```

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

```
.border{ border-color:rgb(228, 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(228, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 255, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 255, 253); box-shadow:4px 4px 4px 4px rgb(228, 255, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1058, 0.2975, 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(228, 255, 253) }
```

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

```
.background{ background-color: rgb(228,  
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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