

Converting Colors

$Y_{xy}(100.0000, 0.3071, 0.3480)$

Have a look what the booklet for
Yxy(100.0000, 0.3071, 0.3480)
contains.

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Color

Yxy(95.6532, 0.3072, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	EBFFF3
RGB	235, 255, 243
RGB Percent	92%, 100%, 95%
CMY	0.0785, 0.0000, 0.0469
CMYK	0.08, 0.00, 0.05, 0.00
HSL	144°, 100%, 96%
HSV	144°, 8%, 100%
XYZ	86.1973, 95.6532, 98.7397
YIQ	247.6520, -8.0680, -7.9720

Conversions

Conversions Part 2

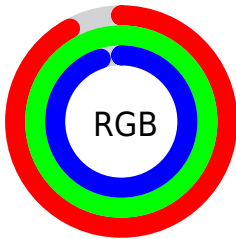
Format	Color
R _Y B	235, 249, 255
Decimal	15466483
CIE Lab	98.29, -8.67, 3.47
CIE LCh	98, 9.344, 158.179
Yxy	95.6532, 0.3072, 0.3409
Android (android.graphics.Color)	4293656563 (0xFFEBFFF3)
YUV	247.6520, -2.2934, -11.0958
Hunter-Lab	97.8025, -13.8349, 8.6035

Details

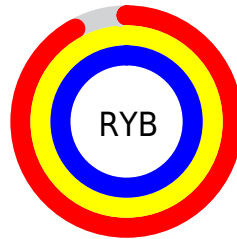
The Yxy color 95.6532, 0.3072, 0.3409 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.3775, 0.3187, 0.3174, and the grayscale version is 93.5919, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5597, 0.3058, 0.3430 is the 20% darker color. If you saturate the color by 10%, you get 90.7355, 0.3003, 0.3577, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

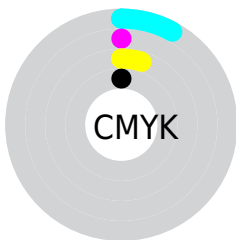
Distribution



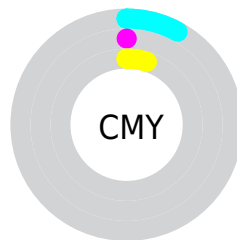
- Red (92%)
- Green (100%)
- Blue (95%)



- Red (92%)
- Yellow (98%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6532, 0.3072, 0.3409 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 95.6532, 0.3072, 0.3409 by changing the saturation by 10% instead.


 95.6532, 0.3072,
0.3409

 95.6532, 0.3072,
0.3409


546.2540, 0.3097,
0.3356

 72.6788, 0.3067,
0.3421


155.1667, 0.3080,
0.3391

 53.7133, 0.3060,
0.3435


192.4746, 0.3084,
0.3384

 38.3725, 0.3052,
0.3452


235.3290, 0.3087,
0.3378

 26.2719, 0.3041,
0.3475

284.1145, 0.3089,
0.3372

 17.0272, 0.3028,
0.3504

339.2153, 0.3091,
0.3368

 10.2539, 0.3009,
0.3545

401.0159, 0.3093,

 5.5676, 0.2981,

0.3363

0.3605

469.9007, 0.3095,
0.3360

■ 2.5840, 0.2935,
0.3703

■ 0.9186, 0.2829,
0.3931

■ 95.6532, 0.3072,
0.3409

■ 95.6532, 0.3072,
0.3409

■ 90.7355, 0.3003,
0.3577

100.0000, 0.3127,
0.3290

■ 86.4893, 0.2937,
0.3764

■ 82.8834, 0.2877,
0.3970

■ 79.8852, 0.2826,
0.4190

■ 77.4594, 0.2788,
0.4422

■ 75.5665, 0.2767,
0.4659

■ 74.1621, 0.2763,
0.4893

■ 73.1941, 0.2779,
0.5114

■ 72.5932, 0.2813,
0.5314

Harmonies

Analogous

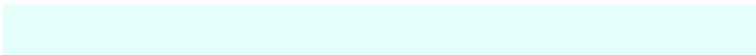
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6532, 0.3176, 0.3461



95.6532, 0.3072, 0.3409



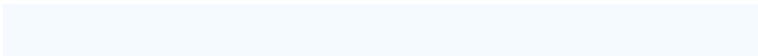
95.6532, 0.2984, 0.3323

Triad

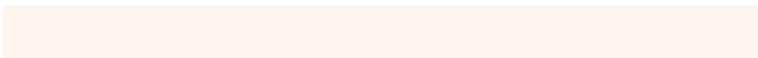
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.6532, 0.3072, 0.3409



95.6532, 0.2987, 0.3118



95.6532, 0.3324, 0.3345

Complementary

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



95.6532, 0.3072, 0.3409



87.3775, 0.3187, 0.3174

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.



95.6532, 0.3272, 0.3255



95.6532, 0.3072, 0.3409



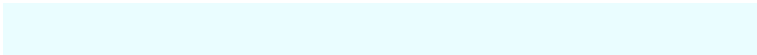
95.6532, 0.3076, 0.3126

Square

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



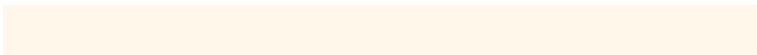
95.6532, 0.3072, 0.3409



95.6532, 0.2936, 0.3155



95.6532, 0.3181, 0.3176



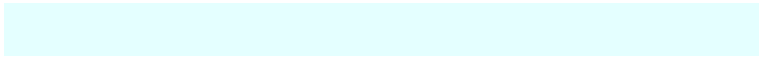
95.6532, 0.3322, 0.3422

Rectangle

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



95.6532, 0.3072, 0.3409



95.6532, 0.2946, 0.3260



95.6532, 0.3181, 0.3176



95.6532, 0.3312, 0.3315

Sweetspot

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



95.6520, 0.3072, 0.3409



98.8507, 0.3113, 0.3319



97.2898, 0.3193, 0.3486



21.1702, 0.3114, 0.3318



0.0000, 0.0000, 0.0000



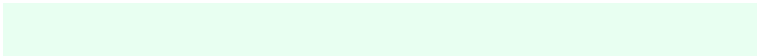
21.4041, 0.3127, 0.3290

Same Dimension

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



95.6520, 0.3072, 0.3409



95.0520, 0.3064, 0.3427



96.2706, 0.3016, 0.3309



20.2893, 0.3060, 0.3435



37.9057, 0.2812, 0.5324



3.7117, 0.2749, 0.5098

Inverse Universe

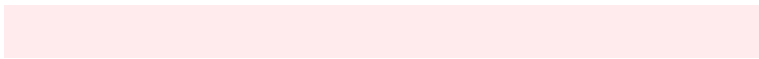
The Inverse Universe completely reimagines the original color for something new.



87.3775, 0.3187, 0.3174



85.6409, 0.3196, 0.3157



86.7788, 0.3250, 0.3271



18.1694, 0.3200, 0.3149



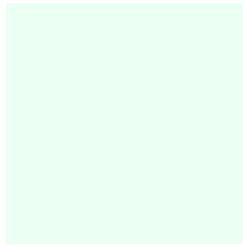
12.3307, 0.4554, 0.2282



1.2222, 0.4358, 0.2174

Previews

White Background



This preview shows how the Yxy color 95.6532, 0.3072, 0.3409 looks on a white background.

Color Contrast Check

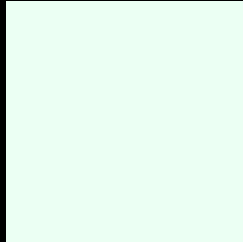
Large Text (above 18pt) WCAG AA × Fail

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 95.6532, 0.3072, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

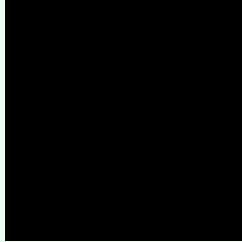
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

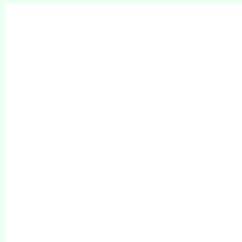
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.6532, 0.3072, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 95.6532, 0.3072, 0.3409.

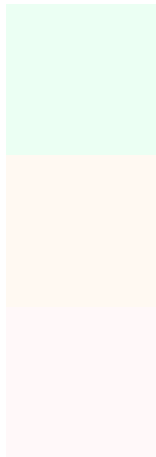


This preview shows how white text looks on a background with the Yxy color 95.6532, 0.3072, 0.3409.

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

95.6532, 0.3072, 0.3409

Protanopia

95.4222, 0.3207, 0.3358

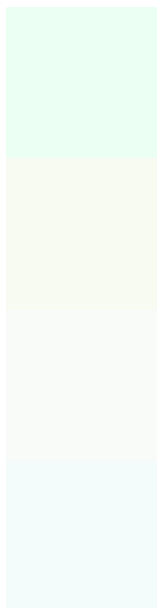
Deuteranopia

95.2344, 0.3166, 0.3281

Tritanopia

95.3654, 0.3079, 0.3242

Trichromacy



Original Color

95.6532, 0.3072, 0.3409

Protanomaly

95.3616, 0.3161, 0.3378

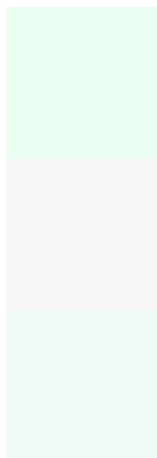
Deuteranomaly

95.6662, 0.3132, 0.3329

Tritanomaly

95.6405, 0.3077, 0.3300

Monochromacy



Original Color

95.6532, 0.3072, 0.3409

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.7029, 0.3106, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6532, 0.3072, 0.3409 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(235, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 243)  
}
```

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(235, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 243) }
```

Border

The CSS property to change the border of an element to Yxy 95.6532, 0.3072, 0.3409 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(235, 255, 243) }
```

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

```
.border{ border-color:rgb(235, 255, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6532, 0.3072, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 243) }
```

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

```
.background{ background-color: rgb(235,  
255, 243) }
```

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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