

Converting Colors

$Y_{xy}(164.0527, 0.3077, 0.4225)$

Have a look what the booklet for
Yxy(164.0527, 0.3077, 0.4225)
contains.

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Color

Yxy(95.2383, 0.3112, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	EBFFEC
RGB	235, 255, 236
RGB Percent	92%, 100%, 93%
CMY	0.0784, 0.0000, 0.0744
CMYK	0.08, 0.00, 0.07, 0.00
HSL	123°, 100%, 96%
HSV	123°, 8%, 100%
XYZ	85.1671, 95.2383, 93.2679
YIQ	246.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

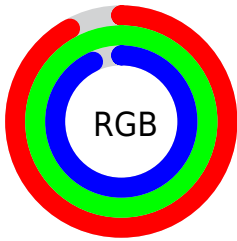
Format	Color
R_{YB}	235, 254, 255
Decimal	15466476
CIE Lab	98.13, -9.90, 6.83
CIE LCh	98, 12.026, 145.381
Yxy	95.2383, 0.3112, 0.3480
Android (android.graphics.Color)	4293656556 (0xFFEBFFEC)
YUV	246.8540, -5.3510, -10.3960
Hunter-Lab	97.5901, -15.0053, 11.6490

Details

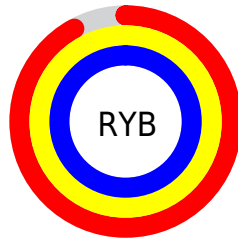
The Yxy color **95.2383, 0.3112, 0.3480** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.8404, 0.3142, 0.3107**, and the grayscale version is **92.9402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2672, 0.3108, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **89.8945, 0.3091, 0.3752**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

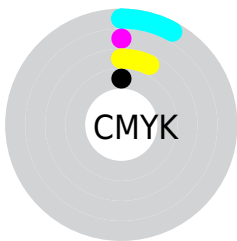
Distribution



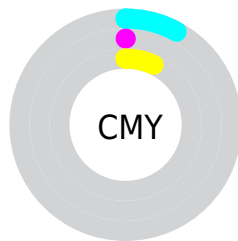
- Red (92%)
- Green (100%)
- Blue (93%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (8%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.2383, 0.3112, 0.3480 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 95.2383, 0.3112, 0.3480 by changing the saturation by 10% instead.


 95.2383, 0.3112,
0.3480

 95.2383, 0.3112,
0.3480


544.9276, 0.3119,
0.3395

 72.3333, 0.3110,
0.3499

154.5938, 0.3115,
0.3451

 53.4310, 0.3108,
0.3522

191.8131, 0.3116,
0.3440

 38.1470, 0.3105,
0.3550


234.5726, 0.3116,
0.3430

 26.0968, 0.3102,
0.3586

283.2568, 0.3117,
0.3421

 16.8960, 0.3097,
0.3635

338.2500, 0.3118,
0.3414

 10.1604, 0.3089,
0.3702

399.9366, 0.3118,

 5.5054, 0.3078,

0.3407

0.3801

468.7010, 0.3119,
0.3401

■ 2.5468, 0.3057,
0.3963

■ 0.9000, 0.3044,
0.4464

■ 95.2383, 0.3112,
0.3480

■ 95.2383, 0.3112,
0.3480

■ 89.8945, 0.3091,
0.3752

100.0000, 0.3127,
0.3290

■ 85.3258, 0.3070,
0.4057

■ 81.4997, 0.3049,
0.4389

■ 78.3770, 0.3028,
0.4737

■ 75.9148, 0.3011,
0.5082

■ 74.0655, 0.2998,
0.5400

■ 72.7754, 0.2991,
0.5665

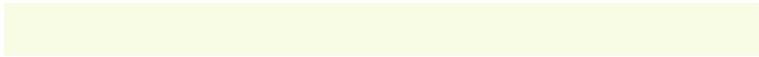
■ 71.9810, 0.2990,
0.5856

■ 71.5996, 0.2994,
0.5965

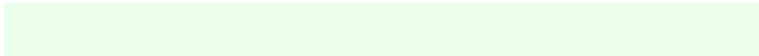
Harmonies

Analogous

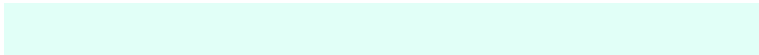
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2383, 0.3244, 0.3522



95.2383, 0.3112, 0.3480



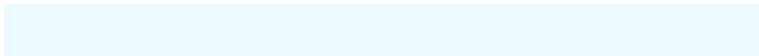
95.2383, 0.2987, 0.3384

Triad

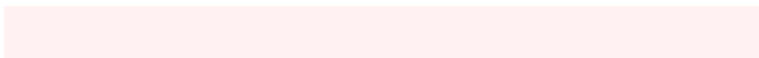
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.2383, 0.3112, 0.3480



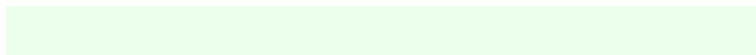
95.2383, 0.2912, 0.3082



95.2383, 0.3360, 0.3311

Complementary

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



95.2383, 0.3112, 0.3480



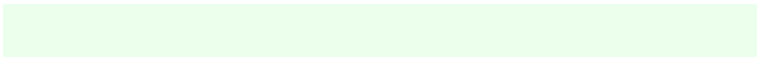
87.8404, 0.3142, 0.3107

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.



95.2383, 0.3268, 0.3198



95.2383, 0.3112, 0.3480



95.2383, 0.3008, 0.3067

Square

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



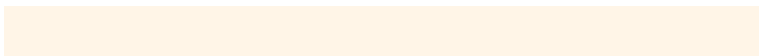
95.2383, 0.3112, 0.3480



95.2383, 0.2872, 0.3152



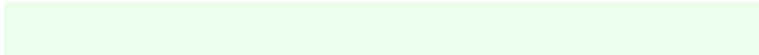
95.2383, 0.3138, 0.3110



95.2383, 0.3389, 0.3421

Rectangle

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



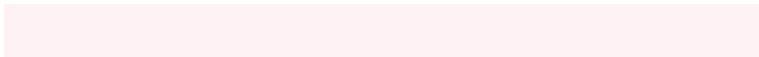
95.2383, 0.3112, 0.3480



95.2383, 0.2923, 0.3303



95.2383, 0.3138, 0.3110



95.2383, 0.3335, 0.3272

Sweetspot

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



95.2422, 0.3112, 0.3480



98.7375, 0.3123, 0.3337



98.5900, 0.3238, 0.3483



21.1471, 0.3124, 0.3334



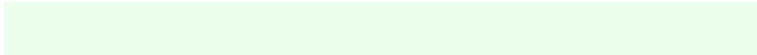
0.0000, 0.0000, 0.0000



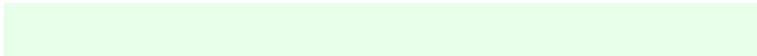
21.4041, 0.3127, 0.3290

Same Dimension

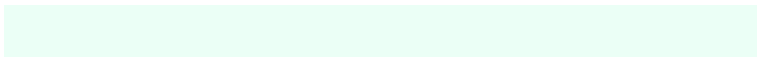
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2422, 0.3112, 0.3480



94.5793, 0.3110, 0.3510



95.8389, 0.3055, 0.3379



20.1830, 0.3109, 0.3523



37.3919, 0.2992, 0.5970



3.6457, 0.2971, 0.5897

Inverse Universe

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



87.8404, 0.3142, 0.3107



86.1470, 0.3145, 0.3079



87.2173, 0.3205, 0.3203



18.2836, 0.3146, 0.3067



14.4694, 0.3340, 0.1614



1.4135, 0.3324, 0.1605

Previews

White Background



This preview shows how the Yxy color 95.2383, 0.3112, 0.3480 looks on a white background.

Color Contrast Check

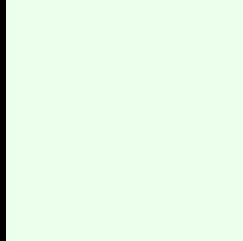
Large Text (above 18pt) WCAG AA × Fail

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 95.2383, 0.3112, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

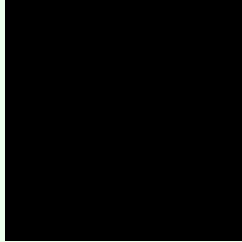
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

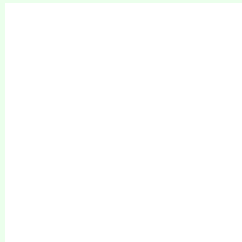
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.2383, 0.3112, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 95.2383, 0.3112, 0.3480.

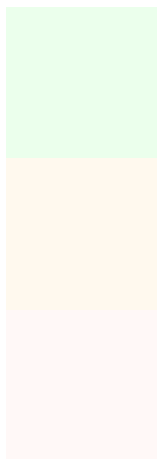


This preview shows how white text looks on a background with the Yxy color 95.2383, 0.3112, 0.3480.

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

95.2383, 0.3112, 0.3480

Protanopia

95.1844, 0.3231, 0.3397

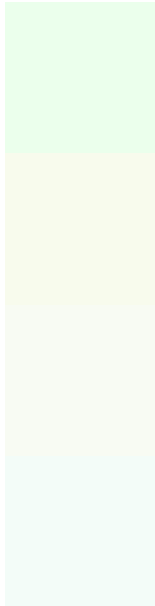
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

95.3654, 0.3079, 0.3242

Trichromacy



Original Color

95.2383, 0.3112, 0.3480

Protanomaly

95.0652, 0.3191, 0.3427

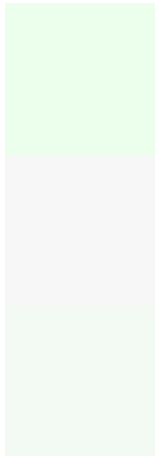
Deuteranomaly

95.4219, 0.3155, 0.3368

Tritanomaly

95.4528, 0.3094, 0.3329

Monochromacy



Original Color

95.2383, 0.3112, 0.3480

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.8970, 0.3124, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2383, 0.3112, 0.3480 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 236) }
```

Border

The CSS property to change the border of an element to Yxy 95.2383, 0.3112, 0.3480 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, 236) }
```

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

```
.border{ border-color:rgb(235, 255, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2383, 0.3112, 0.3480 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, 236) }
```

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

```
.background{ background-color: rgb(235,  
255, 236) }
```

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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