

Converting Colors

$Yxy(94.8796, 0.3080, 0.3457)$

Have a look what the booklet for
Yxy(94.8796, 0.3080, 0.3457)
contains.

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Color

Yxy(94.8489, 0.3082, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFEE
RGB	232, 255, 238
RGB Percent	91%, 100%, 93%
CMY	0.0903, 0.0000, 0.0667
CMYK	0.09, 0.00, 0.07, 0.00
HSL	136°, 100%, 95%
HSV	136°, 9%, 100%
XYZ	84.4624, 94.8489, 94.7393
YIQ	246.1850, -8.2510, -10.1630

Conversions

Conversions Part 2

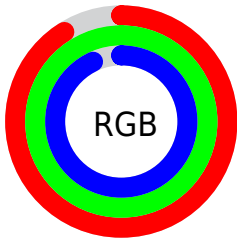
Format	Color
R_{YB}	232, 250, 255
Decimal	15269870
CIE _{Lab}	97.97, -10.56, 5.57
CIE _{LCh}	98, 11.937, 152.188
Yxy	94.8489, 0.3082, 0.3461
Android (android.graphics.Color)	4293459950 (0xFFE8FFEE)
YUV	246.1850, -4.0352, -12.4402
Hunter-Lab	97.3904, -15.6280, 10.4972

Details

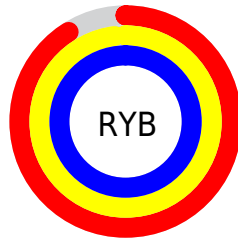
The Yxy color **94.8489, 0.3082, 0.3461** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7931, 0.3176, 0.3125**, and the grayscale version is **92.3453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.9957, 0.3071, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **89.8322, 0.3032, 0.3673**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

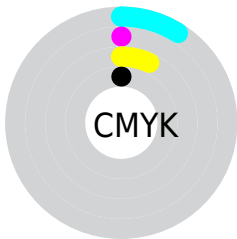
Distribution



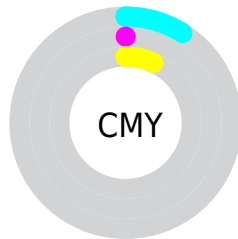
- Red (91%)
- Green (100%)
- Blue (93%)



- Red (91%)
- Yellow (98%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.8489, 0.3082, 0.3461 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 94.8489, 0.3082, 0.3461 by changing the saturation by 10% instead.


 94.8489, 0.3082,
0.3461

 94.8489, 0.3082,
0.3461


543.6811, 0.3102,
0.3385

 72.0092, 0.3077,
0.3478

154.0558, 0.3089,
0.3435

 53.1662, 0.3072,
0.3498


191.1919, 0.3092,
0.3425

 37.9355, 0.3065,
0.3524


233.8622, 0.3094,
0.3416

 25.9326, 0.3056,
0.3557

282.4511, 0.3096,
0.3408

 16.7732, 0.3044,
0.3600

337.3431, 0.3098,
0.3401

 10.0729, 0.3027,
0.3661

398.9225, 0.3100,

 5.4473, 0.3002,

0.3395

0.3750

467.5737, 0.3101,
0.3390

■ 2.5121, 0.2959,
0.3897

■ 0.8827, 0.2855,
0.4336

■ 94.8489, 0.3082,
0.3461

■ 94.8489, 0.3082,
0.3461

■ 89.8322, 0.3032,
0.3673

100.0000, 0.3127,
0.3290

■ 85.5259, 0.2984,
0.3910

■ 81.8922, 0.2941,
0.4170

■ 78.8963, 0.2905,
0.4446

■ 76.5004, 0.2879,
0.4731

■ 74.6623, 0.2866,
0.5014

■ 73.3344, 0.2869,
0.5278

■ 72.4607, 0.2887,
0.5510

■ 71.9600, 0.2917,
0.5697

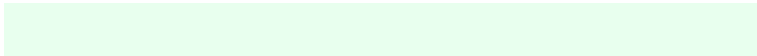
Harmonies

Analogous

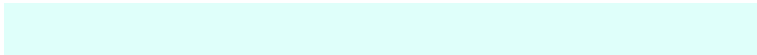
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8489, 0.3215, 0.3517



94.8489, 0.3082, 0.3461



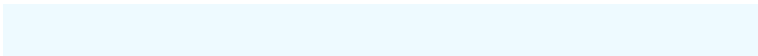
94.8489, 0.2963, 0.3356

Triad

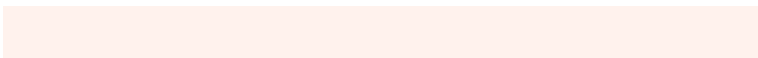
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.8489, 0.3082, 0.3461



94.8489, 0.2930, 0.3075



94.8489, 0.3371, 0.3337

Complementary

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



94.8489, 0.3082, 0.3461



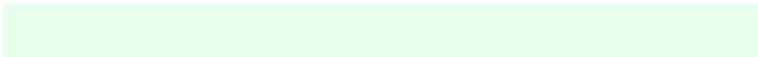
85.7931, 0.3176, 0.3125

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.



94.8489, 0.3292, 0.3223



94.8489, 0.3082, 0.3461



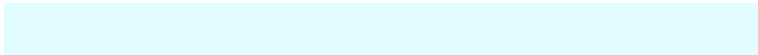
94.8489, 0.3036, 0.3074

Square

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



94.8489, 0.3082, 0.3461



94.8489, 0.2877, 0.3132



94.8489, 0.3169, 0.3128



94.8489, 0.3384, 0.3441

Rectangle

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



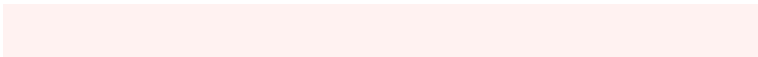
94.8489, 0.3082, 0.3461



94.8489, 0.2908, 0.3275



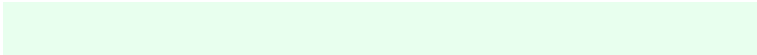
94.8489, 0.3169, 0.3128



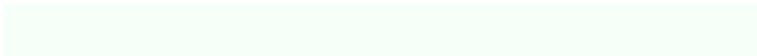
94.8489, 0.3352, 0.3299

Sweetspot

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



94.8432, 0.3082, 0.3461



98.2194, 0.3112, 0.3345



97.5286, 0.3225, 0.3515



20.9236, 0.3108, 0.3360



0.0000, 0.0000, 0.0000



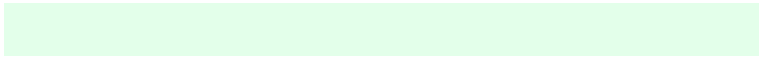
21.4041, 0.3127, 0.3290

Same Dimension

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



94.8432, 0.3082, 0.3461



93.7999, 0.3072, 0.3501



95.5251, 0.3019, 0.3347



20.2462, 0.3080, 0.3470



37.6014, 0.2913, 0.5686



3.6781, 0.2853, 0.5472

Inverse Universe

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



85.7931, 0.3176, 0.3125



82.9271, 0.3187, 0.3088



85.1122, 0.3248, 0.3234



18.2144, 0.3178, 0.3116



13.0381, 0.4007, 0.1981



1.2874, 0.3895, 0.1919

Previews

White Background



This preview shows how the Yxy color 94.8489, 0.3082, 0.3461 looks on a white background.

Color Contrast Check

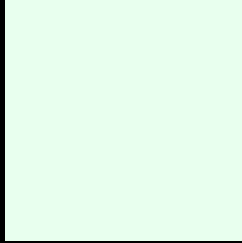
Large Text (above 18pt) WCAG AA × Fail

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 94.8489, 0.3082, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

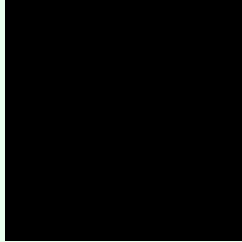
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

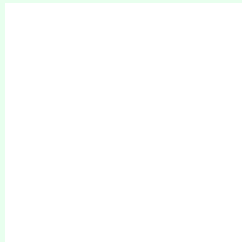
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.8489, 0.3082, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 94.8489, 0.3082, 0.3461.

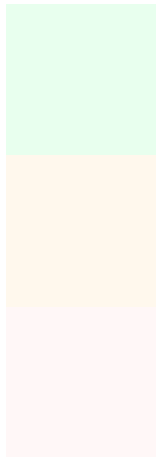


This preview shows how white text looks on a background with the Yxy color 94.8489, 0.3082, 0.3461.

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

94.8489, 0.3082, 0.3461

Protanopia

94.5092, 0.3238, 0.3397

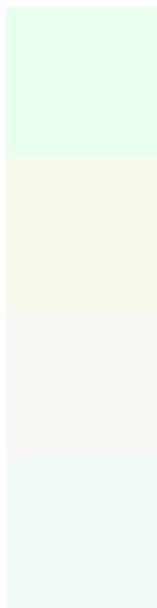
Deuteranopia

94.4969, 0.3178, 0.3290

Tritanopia

94.5642, 0.3073, 0.3232

Trichromacy



Original Color

94.8489, 0.3082, 0.3461

Protanomaly

94.8829, 0.3184, 0.3428

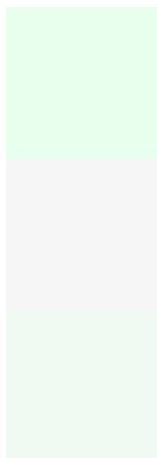
Deuteranomaly

94.6770, 0.3143, 0.3349

Tritanomaly

94.5347, 0.3076, 0.3310

Monochromacy



Original Color

94.8489, 0.3082, 0.3461

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.9232, 0.3112, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8489, 0.3082, 0.3461 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(232, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 238)  
}
```

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(232, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 238) }
```

Border

The CSS property to change the border of an element to Yxy 94.8489, 0.3082, 0.3461 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(232, 255, 238) }
```

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

```
.border{ border-color:rgb(232, 255, 238) }
```

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

Here you see how a box with a 4 pixel rgb(232, 255, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8489, 0.3082, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 238) }
```

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

```
.background{ background-color: rgb(232,  
255, 238) }
```

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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