

Converting Colors

$Yxy(95.8183, 0.3124, 0.3467)$

Have a look what the booklet for
Yxy(95.8183, 0.3124, 0.3467)
contains.

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Color

Yxy(95.8116, 0.3125, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFED
RGB	238, 255, 237
RGB Percent	93%, 100%, 93%
CMY	0.0666, 0.0000, 0.0705
CMYK	0.07, 0.00, 0.07, 0.00
HSL	117°, 100%, 96%
HSV	117°, 7%, 100%
XYZ	86.3105, 95.8116, 94.0716
YIQ	247.8650, -4.3540, -9.2020

Conversions

Conversions Part 2

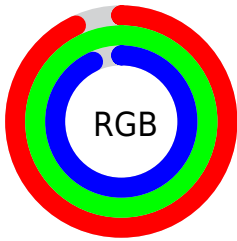
Format	Color
R_{YB}	237, 255, 254
Decimal	15663085
CIE _{Lab}	98.36, -8.73, 6.68
CIE _{LCh}	98, 10.997, 142.582
Yxy	95.8116, 0.3125, 0.3469
Android (android.graphics.Color)	4293853165 (0xFFEEFFED)
YUV	247.8650, -5.3564, -8.6516
Hunter-Lab	97.8834, -13.9002, 11.5373

Details

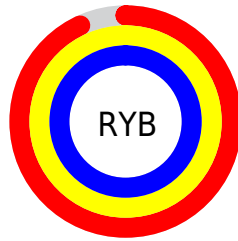
The Yxy color 95.8116, 0.3125, 0.3469 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.8640, 0.3129, 0.3117, and the grayscale version is 93.8049, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.6694, 0.3125, 0.3507 is the 20% darker color. If you saturate the color by 10%, you get 90.5361, 0.3120, 0.3752, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

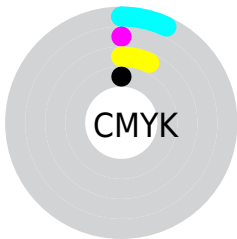
Distribution



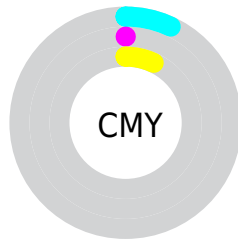
- Red (93%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8116, 0.3125, 0.3469 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 95.8116, 0.3125, 0.3469 by changing the saturation by 10% instead.


 95.8116, 0.3125,
0.3469

 95.8116, 0.3125,
0.3469

546.7600, 0.3126,
0.3389

 72.8107, 0.3125,
0.3487


155.3854, 0.3126,
0.3442

 53.8212, 0.3124,
0.3508


192.7270, 0.3126,
0.3431

 38.4587, 0.3123,
0.3535


235.6177, 0.3126,
0.3422

 26.3389, 0.3122,
0.3569

284.4417, 0.3126,
0.3414

 17.0773, 0.3120,
0.3614

339.5836, 0.3126,
0.3407

 10.2896, 0.3118,
0.3676

401.4277, 0.3126,

 5.5914, 0.3113,

0.3400

0.3768

470.3583, 0.3126,
0.3394

■ 2.5983, 0.3103,
0.3918

■ 0.9258, 0.3124,
0.4342

■ 95.8116, 0.3125,
0.3469

■ 95.8116, 0.3125,
0.3469

■ 90.5361, 0.3120,
0.3752

100.0000, 0.3127,
0.3290

■ 85.9957, 0.3114,
0.4068

■ 82.1606, 0.3104,
0.4410

■ 78.9955, 0.3092,
0.4767

■ 76.4618, 0.3077,
0.5119

■ 74.5172, 0.3060,
0.5439

■ 73.1141, 0.3043,
0.5700

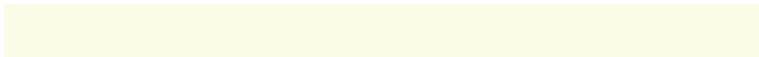
■ 72.1973, 0.3025,
0.5882

■ 71.6997, 0.3011,
0.5977

Harmonies

Analogous

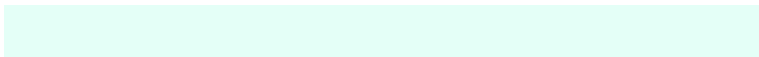
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8116, 0.3244, 0.3502



95.8116, 0.3125, 0.3469



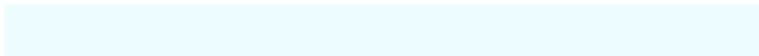
95.8116, 0.3008, 0.3385

Triad

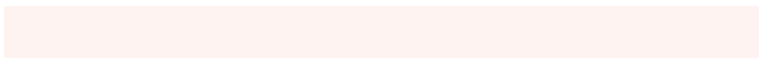
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.8116, 0.3125, 0.3469



95.8116, 0.2925, 0.3104



95.8116, 0.3334, 0.3299

Complementary

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



95.8116, 0.3125, 0.3469



88.8640, 0.3129, 0.3117

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.



95.8116, 0.3245, 0.3197



95.8116, 0.3125, 0.3469



95.8116, 0.3009, 0.3085

Square

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



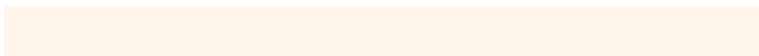
95.8116, 0.3125, 0.3469



95.8116, 0.2894, 0.3172



95.8116, 0.3126, 0.3120



95.8116, 0.3366, 0.3401

Rectangle

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



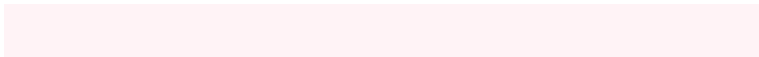
95.8116, 0.3125, 0.3469



95.8116, 0.2947, 0.3313



95.8116, 0.3126, 0.3120



95.8116, 0.3310, 0.3264

Sweetspot

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



95.8149, 0.3125, 0.3469



98.7741, 0.3127, 0.3339



98.1322, 0.3233, 0.3452



21.1546, 0.3127, 0.3337



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.



95.8149, 0.3125, 0.3469



95.2835, 0.3125, 0.3494



96.1070, 0.3074, 0.3391



20.2166, 0.3124, 0.3535



37.4398, 0.3011, 0.5991



3.6617, 0.3039, 0.5969

Inverse Universe

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



88.8640, 0.3129, 0.3117



87.4522, 0.3129, 0.3093



88.5623, 0.3184, 0.3191



18.2456, 0.3129, 0.3055



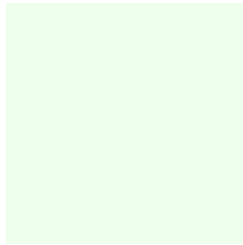
13.5430, 0.3069, 0.1464



1.3338, 0.3086, 0.1474

Previews

White Background



This preview shows how the Yxy color 95.8116, 0.3125, 0.3469 looks on a white background.

Color Contrast Check

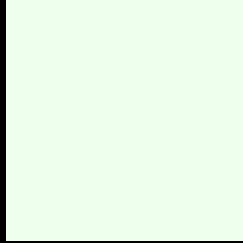
Large Text (above 18pt) WCAG AA × Fail

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 95.8116, 0.3125, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

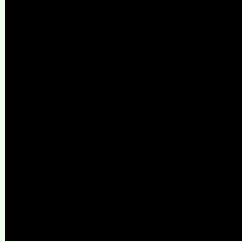
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

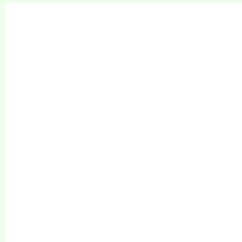
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.8116, 0.3125, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 95.8116, 0.3125, 0.3469.

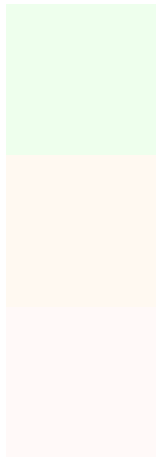


This preview shows how white text looks on a background with the Yxy color 95.8116, 0.3125, 0.3469.

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

95.8116, 0.3125, 0.3469

Protanopia

95.3622, 0.3213, 0.3367

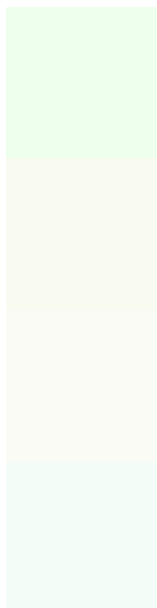
Deuteranopia

95.7887, 0.3171, 0.3300

Tritanopia

95.5477, 0.3086, 0.3242

Trichromacy



Original Color

95.8116, 0.3125, 0.3469

Protanomaly

95.4254, 0.3179, 0.3398

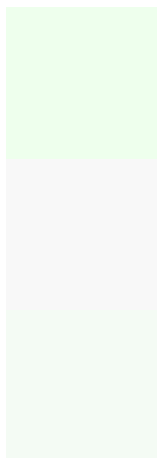
Deuteranomaly

95.6658, 0.3156, 0.3358

Tritanomaly

95.6312, 0.3100, 0.3329

Monochromacy



Original Color

95.8116, 0.3125, 0.3469

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.7591, 0.3124, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8116, 0.3125, 0.3469 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(238, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 237)  
}
```

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(238, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 95.8116, 0.3125, 0.3469 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(238, 255, 237) }
```

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

```
.border{ border-color:rgb(238, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8116, 0.3125, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 237) }
```

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

```
.background{ background-color: rgb(238,  
255, 237) }
```

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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