

Converting Colors

$Y_{xy}(95.9775, 0.3160, 0.3506)$

Have a look what the booklet for
Yxy(95.9775, 0.3160, 0.3506)
contains.

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Color

Yxy(95.9285, 0.3160, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFE9
RGB	240, 255, 233
RGB Percent	94%, 100%, 91%
CMY	0.0591, 0.0000, 0.0862
CMYK	0.06, 0.00, 0.09, 0.00
HSL	101°, 100%, 96%
HSV	101°, 9%, 100%
XYZ	86.3876, 95.9285, 91.0624
YIQ	248.0070, -1.8780, -10.0220

Conversions

Conversions Part 2

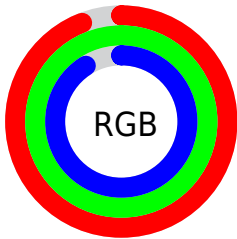
Format	Color
R _Y B	233, 255, 248
Decimal	15794153
CIE Lab	98.40, -8.79, 8.82
CIE LCh	98, 12.449, 134.919
Yxy	95.9285, 0.3160, 0.3509
Android (android.graphics.Color)	4293984233 (0xFFFF0FFE9)
YUV	248.0070, -7.3985, -7.0221
Hunter-Lab	97.9431, -13.9602, 13.4354

Details

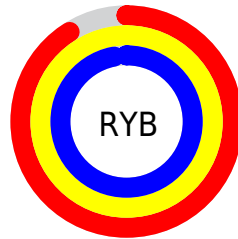
The Yxy color 95.9285, 0.3160, 0.3509 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.4764, 0.3091, 0.3075, and the grayscale version is 93.9217, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.7528, 0.3170, 0.3558 is the 20% darker color. If you saturate the color by 10%, you get 91.6527, 0.3197, 0.3788, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



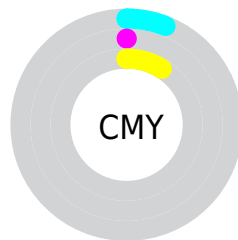
- Red (94%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9285, 0.3160, 0.3509 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 95.9285, 0.3160, 0.3509 by changing the saturation by 10% instead.

 95.9285, 0.3160,
0.3509

 95.9285, 0.3160,
0.3509


547.1332, 0.3146,
0.3411

 72.9080, 0.3163,
0.3531


155.5467, 0.3155,
0.3476

 53.9007, 0.3166,
0.3557


192.9133, 0.3154,
0.3463

 38.5223, 0.3170,
0.3589


235.8306, 0.3152,
0.3451

 26.3883, 0.3175,
0.3631

284.6832, 0.3151,
0.3441

 17.1144, 0.3182,
0.3687

339.8553, 0.3149,
0.3432

 10.3161, 0.3189,
0.3763

401.7314, 0.3148,

 5.6090, 0.3200,

0.3425

0.3876

470.6959, 0.3147,
0.3418

■ 2.6088, 0.3212,
0.4060

■ 0.9311, 0.3353,
0.4661

■ 95.9285, 0.3160,
0.3509

■ 95.9285, 0.3160,
0.3509

■ 91.6527, 0.3197,
0.3788

100.0000, 0.3127,
0.3290

■ 87.8754, 0.3230,
0.4091

■ 84.5676, 0.3256,
0.4411

■ 81.7097, 0.3273,
0.4739

■ 79.2809, 0.3278,
0.5057

■ 77.2582, 0.3268,
0.5347

■ 75.6163, 0.3241,
0.5588

■ 74.3266, 0.3200,
0.5766

■ 73.3520, 0.3149,
0.5875

Harmonies

Analogous

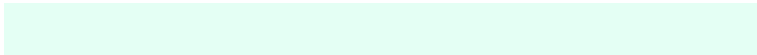
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9285, 0.3289, 0.3529



95.9285, 0.3160, 0.3509



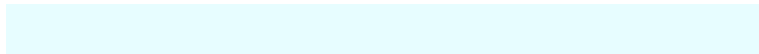
95.9285, 0.3024, 0.3426

Triad

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



95.9285, 0.3160, 0.3509



95.9285, 0.2883, 0.3094



95.9285, 0.3341, 0.3270

Complementary

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



95.9285, 0.3160, 0.3509



85.4764, 0.3091, 0.3075

Split Complementary

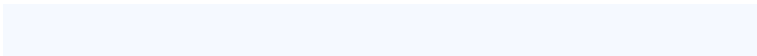
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9285, 0.3228, 0.3160



95.9285, 0.3160, 0.3509



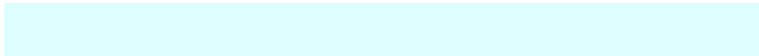
95.9285, 0.2964, 0.3059

Square

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



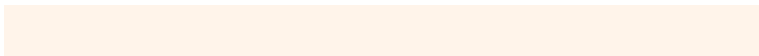
95.9285, 0.3160, 0.3509



95.9285, 0.2866, 0.3183



95.9285, 0.3090, 0.3083



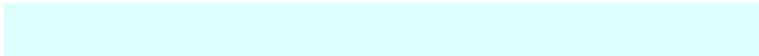
95.9285, 0.3396, 0.3388

Rectangle

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



95.9285, 0.3160, 0.3509



95.9285, 0.2948, 0.3348



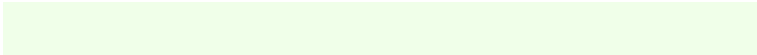
95.9285, 0.3090, 0.3083



95.9285, 0.3308, 0.3231

Sweetspot

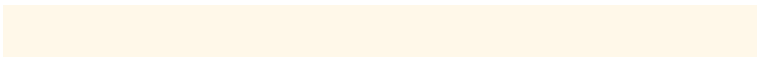
The Sweet Spot groups the original color and five complimentary colors.



95.9177, 0.3160, 0.3509



98.5364, 0.3139, 0.3364



94.3019, 0.3263, 0.3436



21.0088, 0.3142, 0.3384



0.0000, 0.0000, 0.0000



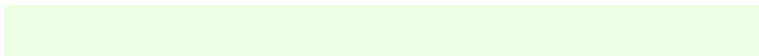
21.4041, 0.3127, 0.3290

Same Dimension

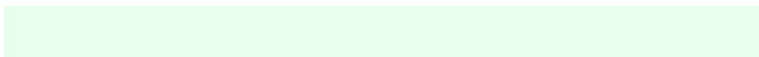
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9177, 0.3160, 0.3509



95.3005, 0.3165, 0.3546



94.9629, 0.3094, 0.3470



20.4455, 0.3163, 0.3532



38.3377, 0.3153, 0.5879



3.7881, 0.3236, 0.5812

Inverse Universe

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



85.4764, 0.3091, 0.3075



83.3050, 0.3085, 0.3039



86.5085, 0.3162, 0.3116



17.9968, 0.3087, 0.3052



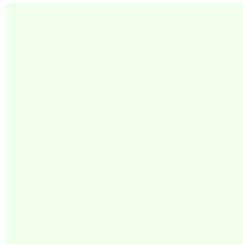
8.6018, 0.2426, 0.1110



0.8958, 0.2516, 0.1160

Previews

White Background



This preview shows how the Yxy color 95.9285, 0.3160, 0.3509 looks on a white background.

Color Contrast Check

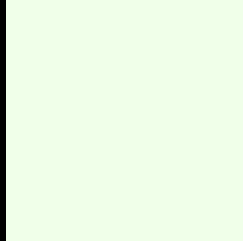
Large Text (above 18pt) WCAG AA × Fail

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 95.9285, 0.3160, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

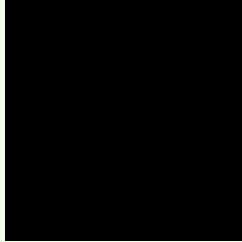
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

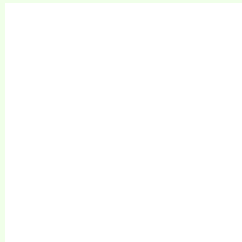
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.9285, 0.3160, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 95.9285, 0.3160, 0.3509.

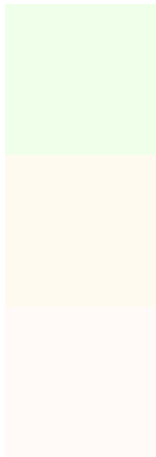


This preview shows how white text looks on a background with the Yxy color 95.9285, 0.3160, 0.3509.

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

95.9285, 0.3160, 0.3509

Protanopia

95.9225, 0.3218, 0.3387

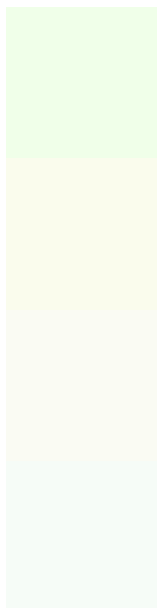
Deuteranopia

95.7887, 0.3171, 0.3300

Tritanopia

95.7310, 0.3092, 0.3242

Trichromacy



Original Color

95.9285, 0.3160, 0.3509

Protanomaly

96.0592, 0.3203, 0.3437

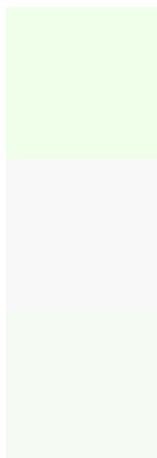
Deuteranomaly

95.7894, 0.3168, 0.3368

Tritanomaly

95.9290, 0.3119, 0.3339

Monochromacy



Original Color

95.9285, 0.3160, 0.3509

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.8779, 0.3136, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9285, 0.3160, 0.3509 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(240, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 233)  
}
```

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(240, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 233) }
```

Border

The CSS property to change the border of an element to Yxy 95.9285, 0.3160, 0.3509 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(240, 255, 233) }
```

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

```
.border{ border-color:rgb(240, 255, 233) }
```

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

Here you see how a box with a 4 pixel rgb(240, 255, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9285, 0.3160, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 233) }
```

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

```
.background{ background-color: rgb(240,  
255, 233) }
```

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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