

Converting Colors

$Yxy(95.5077, 0.3197, 0.3577)$

Have a look what the booklet for
Yxy(95.5077, 0.3197, 0.3577)
contains.

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Color

Yxy(95.5363, 0.3201, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFE2
RGB	240, 255, 226
RGB Percent	94%, 100%, 89%
CMY	0.0589, 0.0000, 0.1136
CMYK	0.06, 0.00, 0.11, 0.00
HSL	91°, 100%, 94%
HSV	91°, 11%, 100%
XYZ	85.4223, 95.5363, 85.9026
YIQ	247.2090, 0.3690, -12.1990

Conversions

Conversions Part 2

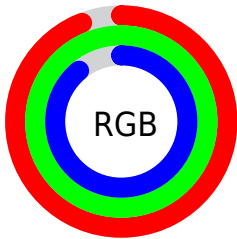
Format	Color
R_{YB}	226, 255, 241
Decimal	15794146
CIE Lab	98.25, -9.93, 12.17
CIE LCh	98, 15.709, 129.197
Yxy	95.5363, 0.3201, 0.3580
Android (android.graphics.Color)	4293984226 (0xFFFF0FFE2)
YUV	247.2090, -10.4560, -6.3223
Hunter-Lab	97.7427, -15.0495, 16.3120

Details

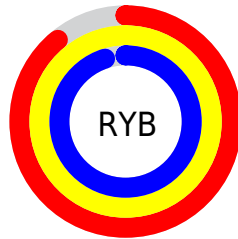
The Yxy color **95.5363, 0.3201, 0.3580** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80.3293, 0.3046, 0.3001**, and the grayscale version is **93.2762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.5188, 0.3214, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **92.0106, 0.3265, 0.3858**, and if you desaturate by 10%, it is **99.4377, 0.3136, 0.3323**.

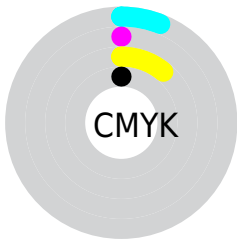
Distribution



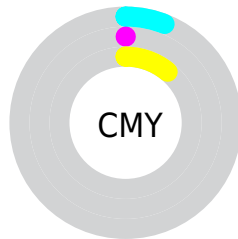
- Red (94%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (95%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.5363, 0.3201, 0.3580 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 95.5363, 0.3201, 0.3580 by changing the saturation by 10% instead.


 95.5363, 0.3201,
0.3580

 95.5363, 0.3201,
0.3580

545.8805, 0.3170,
0.3450

 72.5814, 0.3208,
0.3609


155.0053, 0.3191,
0.3536

 53.6338, 0.3215,
0.3644


192.2882, 0.3186,
0.3518

 38.3089, 0.3225,
0.3687


235.1160, 0.3183,
0.3503

 26.2226, 0.3237,
0.3743

283.8729, 0.3179,
0.3490

 16.9902, 0.3252,
0.3817

338.9434, 0.3177,
0.3478

 10.2275, 0.3271,
0.3920

400.7119, 0.3174,

 5.5501, 0.3297,

0.3468

0.4072

469.5628, 0.3172,
0.3459

■ 2.5735, 0.3330,
0.4318

■ 0.9134, 0.3719,
0.5431

■ 95.5363, 0.3201,
0.3580

■ 95.5363, 0.3201,
0.3580

■ 92.0106, 0.3265,
0.3858

■ 99.4377, 0.3136,
0.3323

■ 88.8489, 0.3324,
0.4153

100.0000, 0.3127,
0.3290

■ 86.0375, 0.3375,
0.4458

■ 83.5617, 0.3414,
0.4760

■ 81.4060, 0.3436,
0.5046

■ 79.5530, 0.3438,
0.5300

■ 77.9834, 0.3418,
0.5506

■ 76.6746, 0.3377,
0.5654

■ 75.7265, 0.3329,
0.5739

Harmonies

Analogous

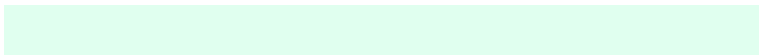
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5363, 0.3358, 0.3588



95.5363, 0.3201, 0.3580



95.5363, 0.3028, 0.3488

Triad

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



95.5363, 0.3201, 0.3580



95.5363, 0.2809, 0.3059



95.5363, 0.3375, 0.3235

Complementary

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



95.5363, 0.3201, 0.3580



80.3293, 0.3046, 0.3001

Split Complementary

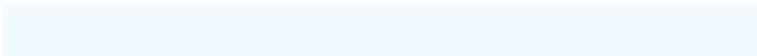
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5363, 0.3222, 0.3104



95.5363, 0.3201, 0.3580



95.5363, 0.2897, 0.3001

Square

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



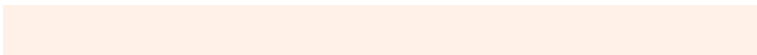
95.5363, 0.3201, 0.3580



95.5363, 0.2805, 0.3181



95.5363, 0.3046, 0.3019



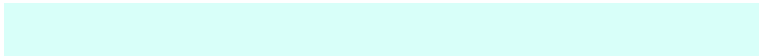
95.5363, 0.3461, 0.3384

Rectangle

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



95.5363, 0.3201, 0.3580



95.5363, 0.2926, 0.3393



95.5363, 0.3046, 0.3019



95.5363, 0.3329, 0.3188

Sweetspot

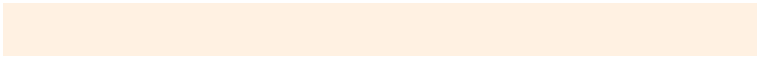
The Sweet Spot groups the original color and five complimentary colors.



95.5359, 0.3201, 0.3580



98.7734, 0.3147, 0.3364



89.6585, 0.3314, 0.3438



21.0727, 0.3152, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

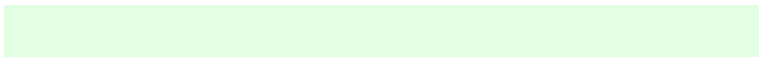
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5359, 0.3201, 0.3580



94.5709, 0.3218, 0.3651



93.2106, 0.3110, 0.3583



20.5978, 0.3189, 0.3531



39.6566, 0.3340, 0.5730



3.9259, 0.3427, 0.5661

Inverse Universe

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



80.3293, 0.3046, 0.3001



76.1803, 0.3025, 0.2930



82.8525, 0.3143, 0.3014



17.8404, 0.3060, 0.3050



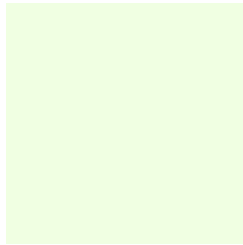
6.4278, 0.2056, 0.0906



0.6909, 0.2177, 0.0973

Previews

White Background



This preview shows how the Yxy color 95.5363, 0.3201, 0.3580 looks on a white background.

Color Contrast Check

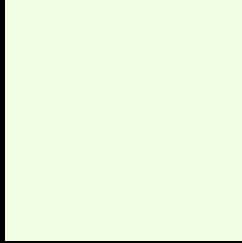
Large Text (above 18pt) WCAG AA × Fail

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 95.5363, 0.3201, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

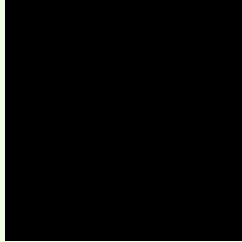
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

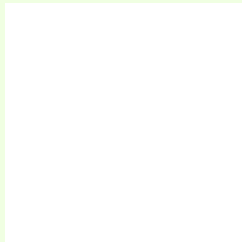
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.5363, 0.3201, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 95.5363, 0.3201, 0.3580.

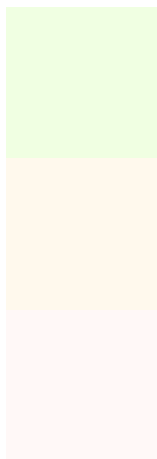


This preview shows how white text looks on a background with the Yxy color 95.5363, 0.3201, 0.3580.

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

95.5363, 0.3201, 0.3580

Protanopia

95.1258, 0.3237, 0.3407

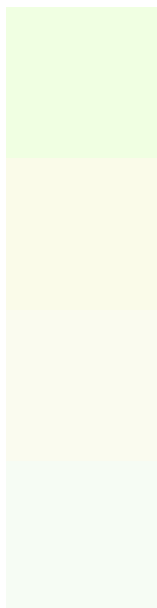
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

95.7310, 0.3092, 0.3242

Trichromacy



Original Color

95.5363, 0.3201, 0.3580

Protanomaly

95.2015, 0.3227, 0.3467

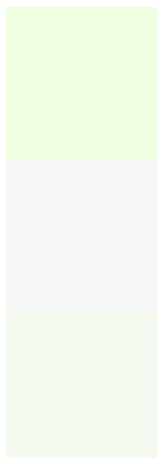
Deuteranomaly

95.5503, 0.3191, 0.3407

Tritanomaly

95.7453, 0.3136, 0.3368

Monochromacy



Original Color

95.5363, 0.3201, 0.3580

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.8363, 0.3154, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.5363, 0.3201, 0.3580 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 226) }
```

Border

The CSS property to change the border of an element to Yxy 95.5363, 0.3201, 0.3580 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, 226) }
```

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

```
.border{ border-color:rgb(240, 255, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 255, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 255, 226); box-shadow:4px 4px 4px 4px rgb(240, 255, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5363, 0.3201, 0.3580 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, 226) }
```

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

```
.background{ background-color: rgb(240,  
255, 226) }
```

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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