

Converting Colors

$Yxy(95.2988, 0.3199, 0.3589)$

Have a look what the booklet for
Yxy(95.2988, 0.3199, 0.3589)
contains.

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Color

Yxy(95.3070, 0.3201, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFE1
RGB	239, 255, 225
RGB Percent	94%, 100%, 88%
CMY	0.0626, 0.0000, 0.1177
CMYK	0.06, 0.00, 0.12, 0.00
HSL	92°, 100%, 94%
HSV	92°, 12%, 100%
XYZ	84.9562, 95.3070, 85.1420
YIQ	246.7960, 0.0940, -12.7220

Conversions

Conversions Part 2

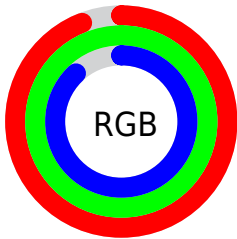
Format	Color
R _Y B	225, 255, 241
Decimal	15728609
CIE Lab	98.16, -10.41, 12.56
CIE LCh	98, 16.318, 129.652
Yxy	95.3070, 0.3201, 0.3591
Android (android.graphics.Color)	4293918689 (0xFFEFFFFE1)
YUV	246.7960, -10.7454, -6.8371
Hunter-Lab	97.6253, -15.5087, 16.6291

Details

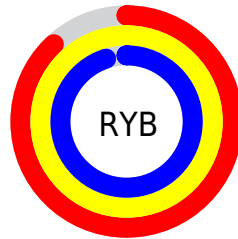
The Yxy color **95.3070, 0.3201, 0.3591** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79.7533, 0.3046, 0.2990**, and the grayscale version is **92.9334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3577, 0.3214, 0.3650** is the 20% darker color. If you saturate the color by 10%, you get **91.7496, 0.3262, 0.3871**, and if you desaturate by 10%, it is **99.2574, 0.3138, 0.3333**.

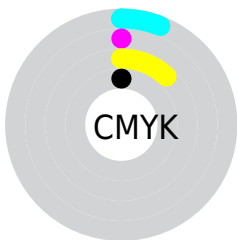
Distribution



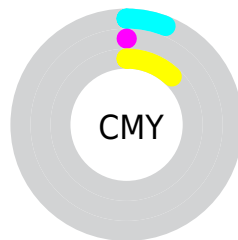
- Red (94%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (95%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.3070, 0.3201, 0.3591 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 95.3070, 0.3201, 0.3591 by changing the saturation by 10% instead.

 95.3070, 0.3201,
0.3591

 95.3070, 0.3201,
0.3591

545.1473, 0.3170,
0.3456

 72.3905, 0.3208,
0.3621


154.6887, 0.3191,
0.3545

 53.4777, 0.3215,
0.3657


191.9226, 0.3186,
0.3527

 38.1843, 0.3225,
0.3703


234.6979, 0.3183,
0.3511

 26.1258, 0.3237,
0.3761

283.3988, 0.3180,
0.3497

 16.9177, 0.3251,
0.3838

338.4099, 0.3177,
0.3485

 10.1759, 0.3270,
0.3945

400.1154, 0.3174,

 5.5157, 0.3295,

0.3474

0.4104

468.8997, 0.3172,
0.3465

■ 2.5529, 0.3327,
0.4362

■ 0.9031, 0.3747,
0.5603

■ 95.3070, 0.3201,
0.3591

■ 95.3070, 0.3201,
0.3591

■ 91.7496, 0.3262,
0.3871

■ 99.2574, 0.3138,
0.3333

■ 88.5599, 0.3319,
0.4167

99.9973, 0.3127,
0.3290

■ 85.7281, 0.3368,
0.4474

■ 83.2393, 0.3404,
0.4778

■ 81.0775, 0.3423,
0.5065

■ 79.2249, 0.3423,
0.5320

■ 77.6618, 0.3400,
0.5525

■ 76.3649, 0.3357,
0.5672

■ 75.4706, 0.3311,
0.5753

Harmonies

Analogous

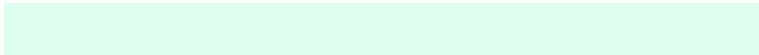
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3070, 0.3365, 0.3600



95.3070, 0.3201, 0.3591



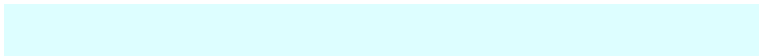
95.3070, 0.3021, 0.3494

Triad

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



95.3070, 0.3201, 0.3591



95.3070, 0.2798, 0.3048



95.3070, 0.3387, 0.3235

Complementary

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



95.3070, 0.3201, 0.3591



79.7533, 0.3046, 0.2990

Split Complementary

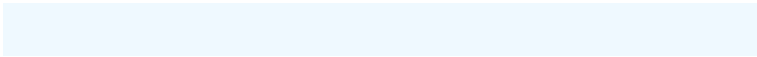
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.3070, 0.3228, 0.3098



95.3070, 0.3201, 0.3591



95.3070, 0.2889, 0.2990

Square

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



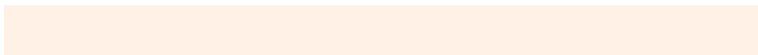
95.3070, 0.3201, 0.3591



95.3070, 0.2792, 0.3174



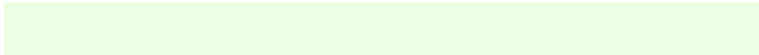
95.3070, 0.3046, 0.3009



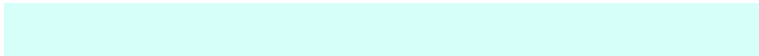
95.3070, 0.3475, 0.3390

Rectangle

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



95.3070, 0.3201, 0.3591



95.3070, 0.2916, 0.3394



95.3070, 0.3046, 0.3009



95.3070, 0.3340, 0.3186

Sweetspot

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



95.3111, 0.3201, 0.3591



98.3464, 0.3152, 0.3389



89.3047, 0.3321, 0.3443



20.9851, 0.3157, 0.3408



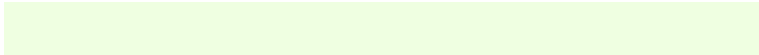
0.0000, 0.0000, 0.0000



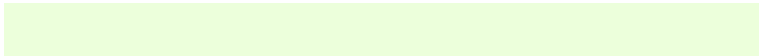
21.4041, 0.3127, 0.3290

Same Dimension

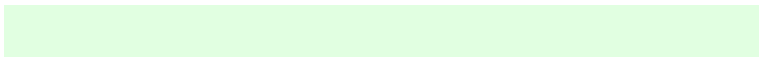
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.3111, 0.3201, 0.3591



94.4870, 0.3215, 0.3652



92.9856, 0.3110, 0.3594



20.5852, 0.3187, 0.3531



39.5236, 0.3322, 0.5744



3.9126, 0.3409, 0.5675

Inverse Universe

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



79.7533, 0.3046, 0.2990



76.2650, 0.3028, 0.2930



82.2902, 0.3144, 0.3004



17.8531, 0.3063, 0.3050



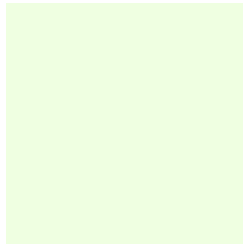
6.5779, 0.2084, 0.0922



0.7055, 0.2203, 0.0987

Previews

White Background



This preview shows how the Yxy color 95.3070, 0.3201, 0.3591 looks on a white background.

Color Contrast Check

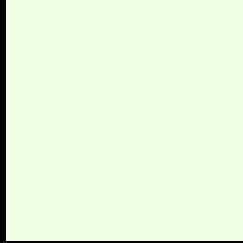
Large Text (above 18pt) WCAG AA × Fail

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 95.3070, 0.3201, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

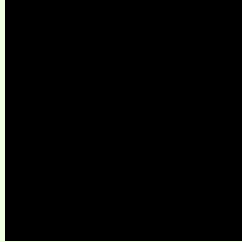
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

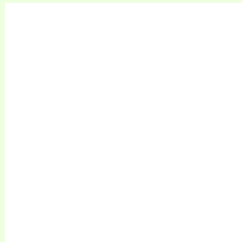
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.3070, 0.3201, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 95.3070, 0.3201, 0.3591.

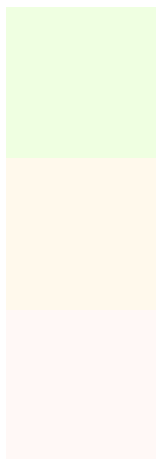


This preview shows how white text looks on a background with the Yxy color 95.3070, 0.3201, 0.3591.

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

95.3070, 0.3201, 0.3591

Protanopia

95.0675, 0.3243, 0.3416

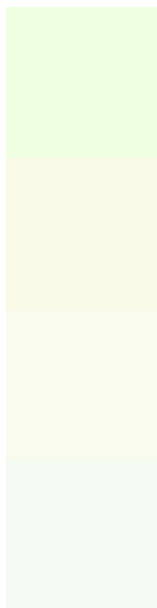
Deuteranopia

95.0486, 0.3184, 0.3309

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

95.3070, 0.3201, 0.3591

Protanomaly

94.9603, 0.3227, 0.3477

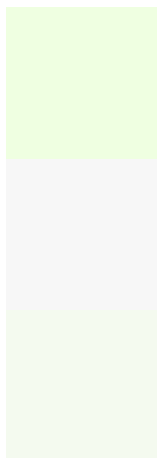
Deuteranomaly

95.3071, 0.3191, 0.3417

Tritanomaly

94.9385, 0.3130, 0.3359

Monochromacy



Original Color

95.3070, 0.3201, 0.3591

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 95.3070, 0.3201, 0.3591 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(239, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 225)  
}
```

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(239, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 225) }
```

Border

The CSS property to change the border of an element to Yxy 95.3070, 0.3201, 0.3591 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(239, 255, 225) }
```

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

```
.border{ border-color:rgb(239, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3070, 0.3201, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 225) }
```

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

```
.background{ background-color: rgb(239,  
255, 225) }
```

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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