

Converting Colors

$Yxy(93.8141, 0.3301, 0.3800)$

Have a look what the booklet for
Yxy(93.8141, 0.3301, 0.3800)
contains.

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Color

Yxy(93.7606, 0.3298, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	ECFFCD
RGB	236, 255, 205
RGB Percent	93%, 100%, 80%
CMY	0.0748, 0.0000, 0.1961
CMYK	0.07, 0.00, 0.20, 0.00
HSL	83°, 100%, 90%
HSV	83°, 20%, 100%
XYZ	81.3529, 93.7606, 71.5600
YIQ	243.6190, 4.7260, -19.5780

Conversions

Conversions Part 2

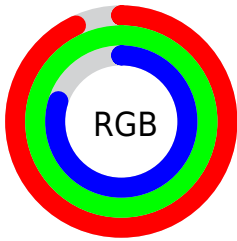
Format	Color
R _Y B	205, 255, 224
Decimal	15531981
CIE Lab	97.54, -14.65, 21.86
CIE LCh	98, 26.316, 123.815
Yxy	93.7606, 0.3298, 0.3801
Android (android.graphics.Color)	4293722061 (0xFFE0FFCD)
YUV	243.6190, -19.0392, -6.6819
Hunter-Lab	96.8301, -19.4837, 23.9642

Details

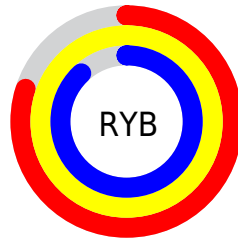
The Yxy color **93.7606, 0.3298, 0.3801** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.7349, 0.2929, 0.2767**, and the grayscale version is **90.2794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3258, 0.3330, 0.3906** is the 20% darker color. If you saturate the color by 10%, you get **90.9967, 0.3382, 0.4083**, and if you desaturate by 10%, it is **96.7911, 0.3211, 0.3532**.

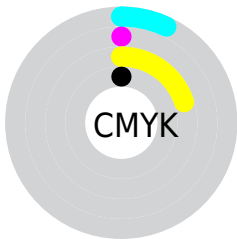
Distribution



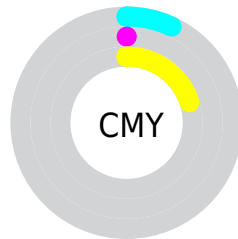
- Red (93%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7606, 0.3298, 0.3801 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 93.7606, 0.3298, 0.3801 by changing the saturation by 10% instead.


 93.7606, 0.3298,
0.3801

 93.7606, 0.3298,
0.3801


540.1895, 0.3226,
0.3570

 71.1039, 0.3313,
0.3853


152.5512, 0.3274,
0.3722

 52.4270, 0.3331,
0.3916


189.4539, 0.3265,
0.3691

 37.3455, 0.3352,
0.3994


231.8739, 0.3256,
0.3664

 25.4751, 0.3377,
0.4095

280.1958, 0.3249,
0.3640

 16.4314, 0.3409,
0.4230

334.8040, 0.3242,
0.3619

 9.8299, 0.3448,
0.4416

396.0827, 0.3236,

 5.2863, 0.3493,

0.3601

0.4689

464.4164, 0.3231,
0.3584

■ 2.4162, 0.3571,
0.5176

■ 0.8342, 0.3429,
0.6571

■ 93.7606, 0.3298,
0.3801

■ 93.7606, 0.3298,
0.3801

■ 90.9967, 0.3382,
0.4083

■ 96.7911, 0.3211,
0.3532

■ 88.5253, 0.3459,
0.4371

100.0000, 0.3127,
0.3290

■ 86.3222, 0.3523,
0.4654

■ 84.3741, 0.3571,
0.4920

■ 82.6669, 0.3597,
0.5154

■ 81.1841, 0.3598,
0.5346

■ 79.9067, 0.3575,
0.5486

■ 78.8055, 0.3531,
0.5577

■ 78.7650, 0.3529,
0.5580

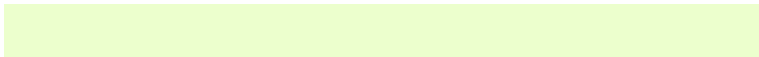
Harmonies

Analogous

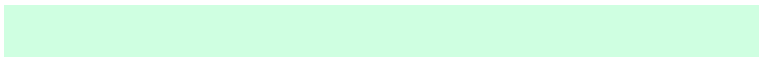
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7606, 0.3552, 0.3778



93.7606, 0.3298, 0.3801



93.7606, 0.3006, 0.3669

Triad

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



93.7606, 0.3298, 0.3801



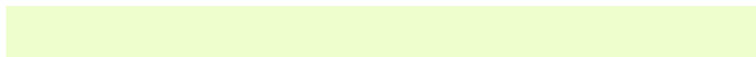
93.7606, 0.2588, 0.2927



93.7606, 0.3505, 0.3153

Complementary

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



93.7606, 0.3298, 0.3801



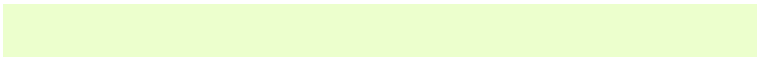
66.7349, 0.2929, 0.2767

Split Complementary

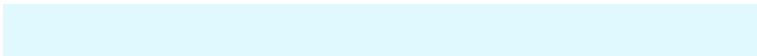
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.7606, 0.3230, 0.2951



93.7606, 0.3298, 0.3801



93.7606, 0.2707, 0.2818

Square

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



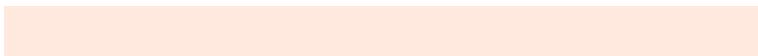
93.7606, 0.3298, 0.3801



93.7606, 0.2605, 0.3144



93.7606, 0.2938, 0.2829



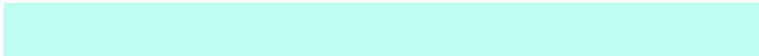
93.7606, 0.3678, 0.3395

Rectangle

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



93.7606, 0.3298, 0.3801



93.7606, 0.2830, 0.3511



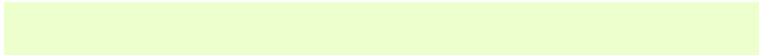
93.7606, 0.2938, 0.2829



93.7606, 0.3421, 0.3079

Sweetspot

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



93.7482, 0.3298, 0.3801



97.9637, 0.3179, 0.3439



78.6177, 0.3482, 0.3477



20.9222, 0.3185, 0.3455



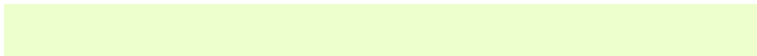
0.0000, 0.0000, 0.0000



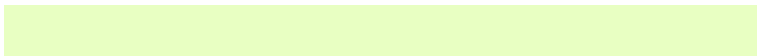
21.4041, 0.3127, 0.3290

Same Dimension

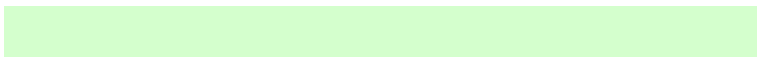
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7482, 0.3298, 0.3801



92.5055, 0.3335, 0.3923



89.8736, 0.3143, 0.3826



20.7246, 0.3210, 0.3529



41.2449, 0.3539, 0.5572



4.0786, 0.3613, 0.5513

Inverse Universe

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



66.7349, 0.2929, 0.2767



60.4873, 0.2877, 0.2639



70.8952, 0.3102, 0.2794



17.7153, 0.3039, 0.3048



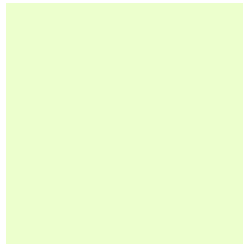
5.1863, 0.1813, 0.0772



0.5653, 0.1938, 0.0841

Previews

White Background



This preview shows how the Yxy color 93.7606, 0.3298, 0.3801 looks on a white background.

Color Contrast Check

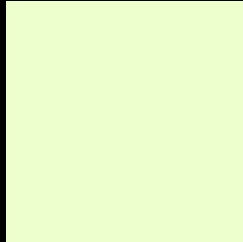
Large Text (above 18pt) WCAG AA × Fail

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 93.7606, 0.3298, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

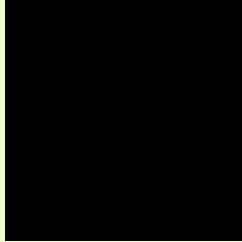
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

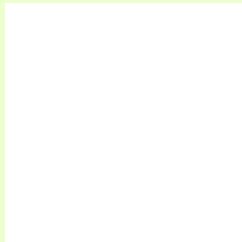
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.7606, 0.3298, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 93.7606, 0.3298, 0.3801.

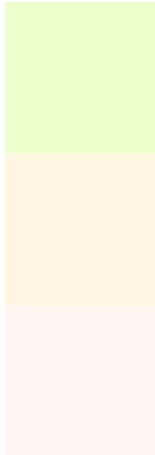


This preview shows how white text looks on a background with the Yxy color 93.7606, 0.3298, 0.3801.

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

93.7606, 0.3298, 0.3801

Protanopia

93.2725, 0.3307, 0.3496

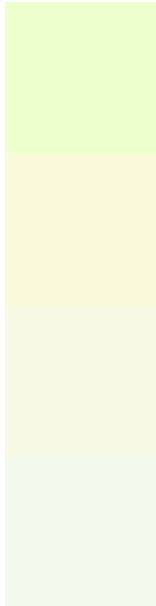
Deuteranopia

93.5224, 0.3216, 0.3339

Tritanopia

93.5157, 0.3080, 0.3212

Trichromacy



Original Color

93.7606, 0.3298, 0.3801

Protanomaly

93.3896, 0.3306, 0.3609

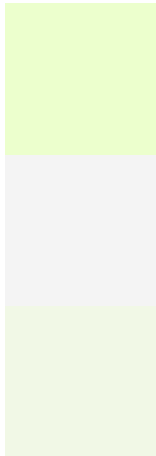
Deuteranomaly

93.3093, 0.3246, 0.3498

Tritanomaly

93.5403, 0.3159, 0.3419

Monochromacy



Original Color

93.7606, 0.3298, 0.3801

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.5487, 0.3189, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7606, 0.3298, 0.3801 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(236, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 205)  
}
```

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(236, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 205) }
```

Border

The CSS property to change the border of an element to Yxy 93.7606, 0.3298, 0.3801 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(236, 255, 205) }
```

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

```
.border{ border-color:rgb(236, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7606, 0.3298, 0.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 205) }
```

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

```
.background{ background-color: rgb(236,  
255, 205) }
```

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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