

Converting Colors

$Yxy(88.1525, 0.3381, 0.3952)$

Have a look what the booklet for
Yxy(88.1525, 0.3381, 0.3952)
contains.

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Color

Yxy(88.1195, 0.3380, 0.3952)

Conversions

Conversions Part 1

Format	Color
Hex	E6F9BA
RGB	230, 249, 186
RGB Percent	90%, 98%, 73%
CMY	0.0981, 0.0235, 0.2706
CMYK	0.08, 0.00, 0.25, 0.02
HSL	78°, 84%, 85%
HSV	78°, 25%, 98%
XYZ	75.3654, 88.1195, 59.4896
YIQ	236.1370, 8.8990, -23.6210

Conversions

Conversions Part 2

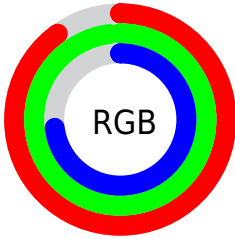
Format	Color
R_{YB}	186, 249, 205
Decimal	15137210
CIE _{Lab}	95.21, -16.57, 28.24
CIE _{LCh}	95, 32.744, 120.404
Yxy	88.1195, 0.3380, 0.3952
Android (android.graphics.Color)	4293327290 (0xFFE6F9BA)
YUV	236.1370, -24.7175, -5.3821
Hunter-Lab	93.8720, -20.9668, 28.1365

Details

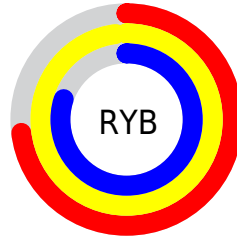
The Yxy color **88.1195, 0.3380, 0.3952** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.9426, 0.2825, 0.2593**, and the grayscale version is **84.1782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **48.8045, 0.3431, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **85.9370, 0.3474, 0.4230**, and if you desaturate by 10%, it is **90.5480, 0.3280, 0.3680**.

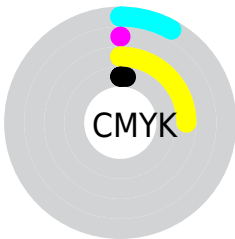
Distribution



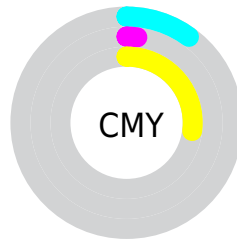
- Red (90%)
- Green (98%)
- Blue (73%)



- Red (73%)
- Yellow (98%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)





- Cyan (10%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1195, 0.3380, 0.3952 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 88.1195, 0.3380, 0.3952 by changing the saturation by 10% instead.


 88.1195, 0.3380,
0.3952

 88.1195, 0.3380,
0.3952


521.8945, 0.3273,
0.3648

 66.4220, 0.3402,
0.4020


 144.7235, 0.3345,
0.3847

 48.6151, 0.3428,
0.4104


180.3989, 0.3330,
0.3806

 34.3142, 0.3459,
0.4209


221.5023, 0.3318,
0.3771

 23.1351, 0.3496,
0.4345

268.4182, 0.3307,
0.3740

 14.6933, 0.3540,
0.4525

321.5310, 0.3297,
0.3713

 8.6044, 0.3590,
0.4774

381.2250, 0.3288,

 4.4841, 0.3640,

0.3689

0.5137

447.8847, 0.3280,
0.3668

■ 1.9479, 0.3905,
0.6095

■ 0.5769, 0.1995,
0.8005

■ 88.1195, 0.3380,
0.3952

■ 88.1195, 0.3380,
0.3952

■ 85.9370, 0.3474,
0.4230

■ 90.5480, 0.3280,
0.3680

■ 83.9787, 0.3559,
0.4505

■ 93.2204, 0.3180,
0.3421

■ 82.2374, 0.3629,
0.4766

■ 95.7768, 0.3114,
0.3233

■ 80.7006, 0.3678,
0.5000

■ 96.2394, 0.3130,
0.3233

■ 79.3549, 0.3703,
0.5195

■ 78.1841, 0.3703,
0.5344

■ 77.1688, 0.3677,
0.5442

■ 76.7327, 0.3660,
0.5476

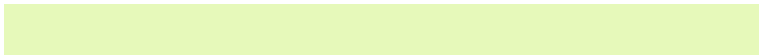
Harmonies

Analogous

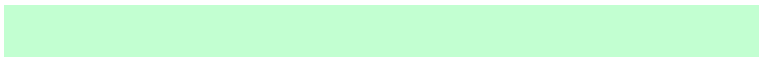
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1195, 0.3693, 0.3891



88.1195, 0.3380, 0.3952



88.1195, 0.3011, 0.3807

Triad

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



88.1195, 0.3380, 0.3952



88.1195, 0.2445, 0.2851



88.1195, 0.3573, 0.3083

Complementary

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



88.1195, 0.3380, 0.3952



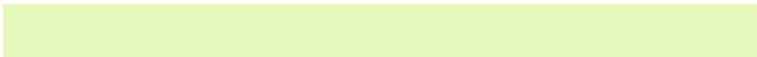
54.9426, 0.2825, 0.2593

Split Complementary

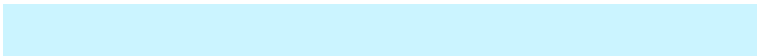
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1195, 0.3212, 0.2842



88.1195, 0.3380, 0.3952



88.1195, 0.2573, 0.2703

Square

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



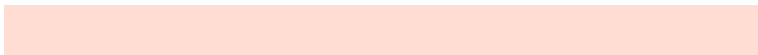
88.1195, 0.3380, 0.3952



88.1195, 0.2485, 0.3136



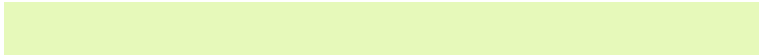
88.1195, 0.2847, 0.2705



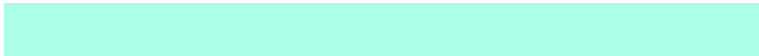
88.1195, 0.3814, 0.3380

Rectangle

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



88.1195, 0.3380, 0.3952



88.1195, 0.2784, 0.3611



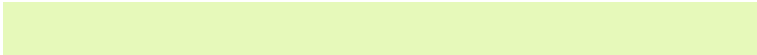
88.1195, 0.2847, 0.2705



88.1195, 0.3460, 0.2994

Sweetspot

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



88.1234, 0.3380, 0.3952



97.6048, 0.3207, 0.3489



67.3039, 0.3617, 0.3491



20.7992, 0.3222, 0.3528



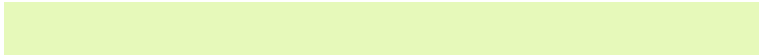
0.0000, 0.0000, 0.0000



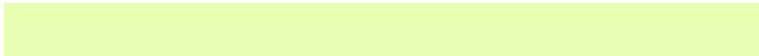
21.4041, 0.3127, 0.3290

Same Dimension

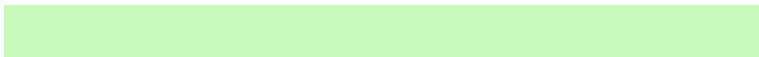
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1234, 0.3380, 0.3952



91.8914, 0.3426, 0.4083



83.3924, 0.3172, 0.3997



19.9122, 0.3222, 0.3528



41.1467, 0.3669, 0.5469



3.8662, 0.3733, 0.5418

Inverse Universe

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



54.9426, 0.2825, 0.2593



51.7628, 0.2756, 0.2446



59.8613, 0.3060, 0.2640



16.8972, 0.3026, 0.3048



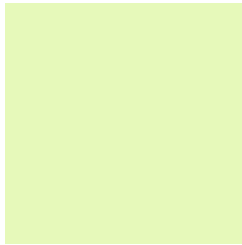
4.5313, 0.1703, 0.0712



0.4725, 0.1827, 0.0780

Previews

White Background



This preview shows how the Yxy color 88.1195, 0.3380, 0.3952 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 88.1195, 0.3380, 0.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

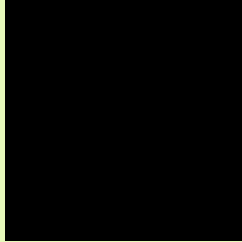
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

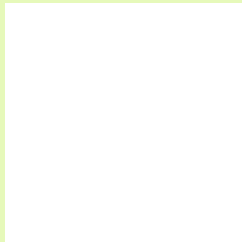
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1195, 0.3380, 0.3952

Background



This preview shows how black text looks on a background with the Yxy color 88.1195, 0.3380, 0.3952.

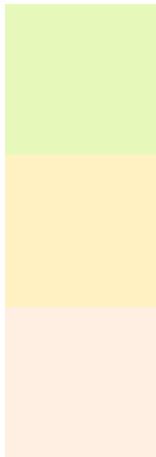


This preview shows how white text looks on a background with the Yxy color 88.1195, 0.3380, 0.3952.

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

88.1195, 0.3380, 0.3952

Protanopia

88.0656, 0.3520, 0.3760

Deuteranopia

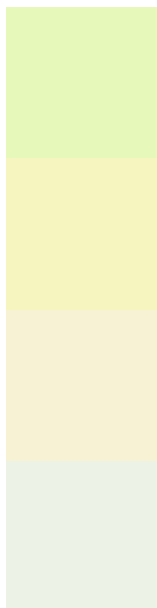
87.9001, 0.3317, 0.3409



Tritanopia

88.0654, 0.3037, 0.3142

Trichromacy



Original Color

88.1195, 0.3380, 0.3952

Protanomaly

88.0558, 0.3469, 0.3830

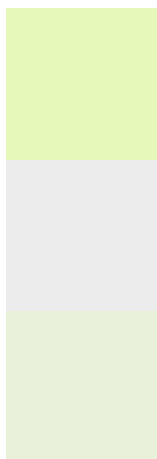
Deuteranomaly

87.8002, 0.3346, 0.3604

Tritanomaly

87.6472, 0.3160, 0.3423

Monochromacy



Original Color

88.1195, 0.3380, 0.3952

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

85.4650, 0.3222, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1195, 0.3380, 0.3952 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(230, 249, 186)` looks like.

```
.text, #text, p{  
    color:rgb(230, 249, 186)  
}
```

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(230, 249, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 249, 186) }
```

Border

The CSS property to change the border of an element to Yxy 88.1195, 0.3380, 0.3952 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(230, 249, 186) }
```

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

```
.border{ border-color:rgb(230, 249, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 249, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 249, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 249, 186);  
box-shadow:4px 4px 4px 4px rgb(230, 249,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1195, 0.3380, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 249, 186) }
```

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

```
.background{ background-color: rgb(230,  
249, 186) }
```

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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