

Converting Colors

$Yxy(88.2094, 0.3443, 0.4078)$

Have a look what the booklet for
Yxy(88.2094, 0.3443, 0.4078)
contains.

| | |
|--|----|
| Yxy(88.2894, 0.3443, 0.4078) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(88.2894, 0.3443, 0.4078)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E6FAAF |
| RGB | 230, 250, 175 |
| RGB Percent | 90%, 98%, 69% |
| CMY | 0.0983, 0.0195, 0.3137 |
| CMYK | 0.08, 0.00, 0.30, 0.02 |
| HSL | 76°, 88%, 83% |
| HSV | 76°, 30%, 98% |
| XYZ | 74.5415, 88.2894, 53.6708 |
| YIQ | 235.4700, 12.1550, -27.5650 |

Conversions

Conversions Part 2

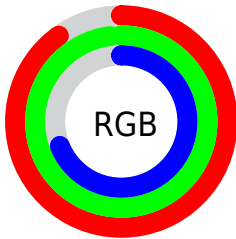
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 175, 250, 195 |
| Decimal | 15137455 |
| CIELab | 95.28, -18.57, 33.88 |
| CIELCh | 95, 38.636, 118.731 |
| Yxy | 88.2894, 0.3443, 0.4078 |
| Android (android.graphics.Color) | 4293327535 (0xFFE6FAAF) |
| YUV | 235.4700, -29.8117, -4.7972 |
| Hunter-Lab | 93.9624, -22.8281, 31.9076 |

Details

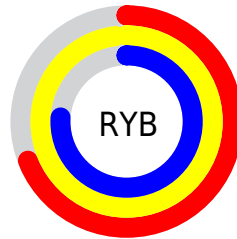
The Yxy color **88.2894, 0.3443, 0.4078** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.1789, 0.2737, 0.2443**, and the grayscale version is **83.6747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **48.9874, 0.3501, 0.4260** is the 20% darker color. If you saturate the color by 10%, you get **86.3141, 0.3540, 0.4352**, and if you desaturate by 10%, it is **90.4970, 0.3339, 0.3805**.

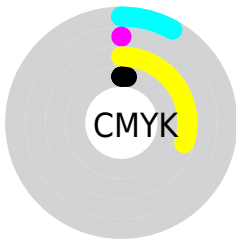
Distribution



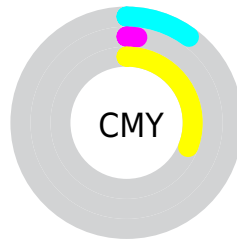
- Red (90%)
- Green (98%)
- Blue (69%)



- Red (69%)
- Yellow (98%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)





- Cyan (10%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2894, 0.3443, 0.4078 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 88.2894, 0.3443, 0.4078 by changing the saturation by 10% instead.

 88.2894, 0.3443,
0.4078

 88.2894, 0.3443,
0.4078


522.4505, 0.3310,
0.3716

 66.5628, 0.3470,
0.4159


 144.9600, 0.3400,
0.3954

 48.7294, 0.3501,
0.4258

180.6727, 0.3382,
0.3905

 34.4049, 0.3537,
0.4382


221.8163, 0.3367,
0.3863

 23.2048, 0.3580,
0.4541

268.7751, 0.3353,
0.3826

 14.7448, 0.3628,
0.4750

321.9336, 0.3340,
0.3794

 8.6405, 0.3678,
0.5035


381.6760, 0.3329,


 4.5074, 0.3724,


0.3765


0.5454


448.3868, 0.3319,
0.3739

 1.9613, 0.3786,
0.6214

 0.5848, 0.1491,
0.8509

 88.2894, 0.3443,
0.4078

 88.2894, 0.3443,
0.4078


 86.3141, 0.3540,
0.4352


 90.4970, 0.3339,
0.3805

 84.5487, 0.3624,
0.4616

 92.9348, 0.3233,
0.3540

 82.9857, 0.3691,
0.4860

 95.6159, 0.3127,
0.3290

 81.6124, 0.3735,
0.5070

 96.8655, 0.3129,
0.3243

■ 80.4140, 0.3754,
0.5236

■ 79.3733, 0.3747,
0.5355

■ 78.4626, 0.3719,
0.5429

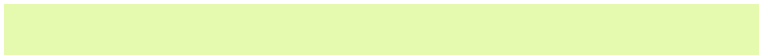
Harmonies

Analogous

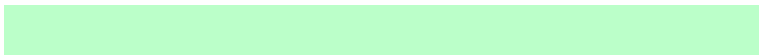
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2894, 0.3807, 0.3984



88.2894, 0.3443, 0.4078



88.2894, 0.3010, 0.3923

Triad

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



88.2894, 0.3443, 0.4078



88.2894, 0.2329, 0.2786



88.2894, 0.3631, 0.3028

Complementary

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



88.2894, 0.3443, 0.4078



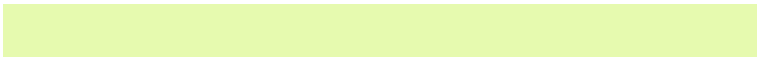
49.1789, 0.2737, 0.2443

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.



88.2894, 0.3199, 0.2757



88.2894, 0.3443, 0.4078



88.2894, 0.2466, 0.2609

Square

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



88.2894, 0.3443, 0.4078



88.2894, 0.2385, 0.3125



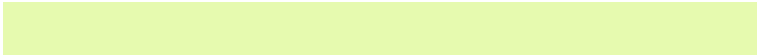
88.2894, 0.2775, 0.2605



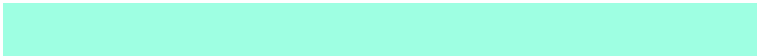
88.2894, 0.3929, 0.3368

Rectangle

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



88.2894, 0.3443, 0.4078



88.2894, 0.2742, 0.3693



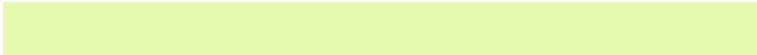
88.2894, 0.2775, 0.2605



88.2894, 0.3495, 0.2927

Sweetspot

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



88.2933, 0.3443, 0.4078



97.4622, 0.3222, 0.3515



62.4576, 0.3741, 0.3504



20.7773, 0.3238, 0.3552



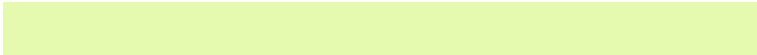
0.0000, 0.0000, 0.0000



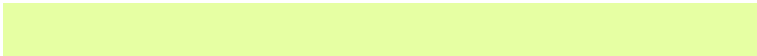
21.4041, 0.3127, 0.3290

Same Dimension

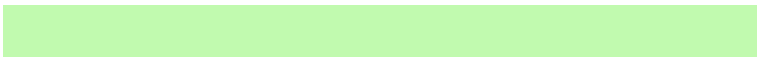
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2933, 0.3443, 0.4078



91.0642, 0.3502, 0.4244



82.7537, 0.3194, 0.4143



19.9434, 0.3227, 0.3527



41.6846, 0.3727, 0.5423



3.9126, 0.3784, 0.5377

Inverse Universe

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



49.1789, 0.2737, 0.2443



44.1488, 0.2641, 0.2248



54.8076, 0.3024, 0.2509



16.8677, 0.3021, 0.3048



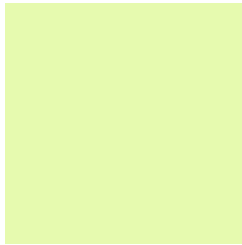
4.3526, 0.1663, 0.0690



0.4527, 0.1782, 0.0755

Previews

White Background



This preview shows how the Yxy color 88.2894, 0.3443, 0.4078 looks on a white background.

Color Contrast Check

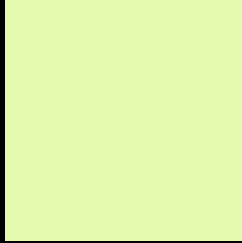
Large Text (above 18pt) WCAG AA × Fail

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 88.2894, 0.3443, 0.4078 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

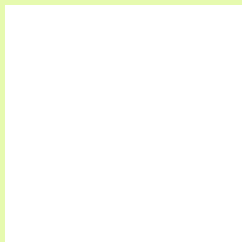
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2894, 0.3443, 0.4078

Background



This preview shows how black text looks on a background with the Yxy color 88.2894, 0.3443, 0.4078.

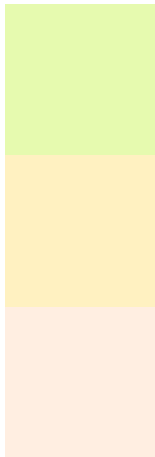


This preview shows how white text looks on a background with the Yxy color 88.2894, 0.3443, 0.4078.

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

88.2894, 0.3443, 0.4078

Protanopia

88.0208, 0.3526, 0.3771

Deuteranopia

87.8453, 0.3324, 0.3419



Tritanopia

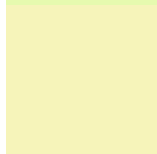
88.2409, 0.3044, 0.3142

Trichromacy



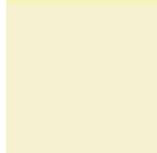
Original Color

88.2894, 0.3443, 0.4078



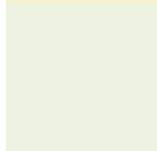
Protanomaly

87.8394, 0.3501, 0.3882



Deuteranomaly

87.6021, 0.3372, 0.3646



Tritanomaly

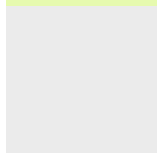
88.1969, 0.3190, 0.3474

Monochromacy



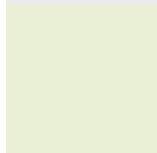
Original Color

88.2894, 0.3443, 0.4078



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

84.4479, 0.3247, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2894, 0.3443, 0.4078 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, 250, 175)` looks like.

```
.text, #text, p{  
    color:rgb(230, 250, 175)  
}
```

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, 250, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 250, 175) }
```

Border

The CSS property to change the border of an element to Yxy 88.2894, 0.3443, 0.4078 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, 250, 175) }
```

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

```
.border{ border-color:rgb(230, 250, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 250, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 250, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 250, 175);  
box-shadow:4px 4px 4px 4px rgb(230, 250,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2894, 0.3443, 0.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 250, 175) }
```

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

```
.background{ background-color: rgb(230,  
250, 175) }
```

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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