

Converting Colors

$Yxy(83.0089, 0.3435, 0.3745)$

Have a look what the booklet for
Yxy(83.0089, 0.3435, 0.3745)
contains.

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Color

Yxy(83.1194, 0.3435, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	F1EDC1
RGB	241, 237, 193
RGB Percent	95%, 93%, 76%
CMY	0.0550, 0.0705, 0.2432
CMYK	0.00, 0.02, 0.20, 0.05
HSL	55°, 63%, 85%
HSV	55°, 20%, 95%
XYZ	76.1780, 83.1194, 62.4726
YIQ	233.1800, 16.5080, -12.8360

Conversions

Conversions Part 2

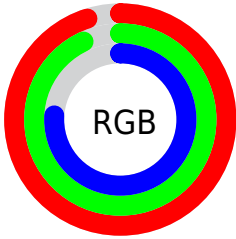
Format	Color
RYB	197, 241, 193
Decimal	15855041
CIELab	93.07, -5.67, 21.86
CIELCh	93, 22.579, 104.545
Yxy	83.1194, 0.3435, 0.3748
Android (android.graphics.Color)	4294045121 (0xFFFF1EDC1)
YUV	233.1800, -19.8087, 6.8581
Hunter-Lab	91.1698, -10.3995, 23.1914

Details

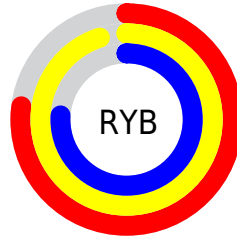
The Yxy color **83.1194, 0.3435, 0.3748** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.5950, 0.2797, 0.2787**, and the grayscale version is **81.7700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **45.2261, 0.3509, 0.3852** is the 20% darker color. If you saturate the color by 10%, you get **80.9882, 0.3596, 0.3982**, and if you desaturate by 10%, it is **85.4461, 0.3277, 0.3515**.

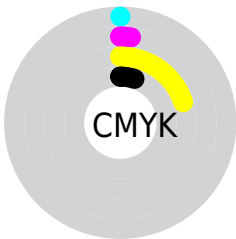
Distribution



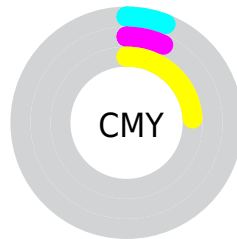
- Red (95%)
- Green (93%)
- Blue (76%)



- Red (77%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (5%)



- Cyan (6%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.1194, 0.3435, 0.3748 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 83.1194, 0.3435, 0.3748 by changing the saturation by 10% instead.

83.1194, 0.3435,
0.3748

83.1194, 0.3435,
0.3748

505.3844, 0.3298,
0.3539

62.2887, 0.3465,
0.3795

137.7427, 0.3388,
0.3676

45.2660, 0.3502,
0.3852

172.3040, 0.3370,
0.3648

31.6670, 0.3547,
0.3924

212.2110, 0.3354,
0.3624

21.1073, 0.3603,
0.4016

257.8480, 0.3340,
0.3603

13.2024, 0.3677,
0.4139

309.5994, 0.3327,
0.3584

7.5681, 0.3776,
0.4310


367.8497, 0.3316,


3.8198, 0.3910,


0.3567


432.9832, 0.3307,
0.3552


0.4559


 1.5733, 0.4454,
0.5385


 0.3395, 0.3518,
0.6482


 83.1194, 0.3435,
0.3748


 83.1194, 0.3435,
0.3748


 80.9882, 0.3596,
0.3982

 85.4461, 0.3277,
0.3515


 79.0327, 0.3755,
0.4209

 87.9650, 0.3126,
0.3288

 77.2475, 0.3906,
0.4418

 90.0073, 0.3043,
0.3172

 75.6225, 0.4042,
0.4601

 91.2043, 0.3043,
0.3191

■ 74.1464, 0.4158,
0.4747

■ 92.4143, 0.3042,
0.3211

■ 72.8063, 0.4248,
0.4851

■ 93.6373, 0.3042,
0.3231

■ 71.5869, 0.4310,
0.4909

■ 94.8733, 0.3042,
0.3250

■ 70.4628, 0.4348,
0.4929

■ 96.1223, 0.3042,
0.3270

■ 70.4533, 0.4348,
0.4929

■ 97.3845, 0.3041,
0.3289

Harmonies

Analogous

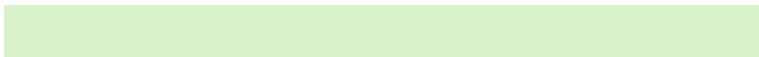
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1194, 0.3603, 0.3649



83.1194, 0.3435, 0.3748



83.1194, 0.3188, 0.3717

Triad

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



83.1194, 0.3435, 0.3748



83.1194, 0.2639, 0.3083



83.1194, 0.3314, 0.3044

Complementary

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



83.1194, 0.3435, 0.3748



57.5950, 0.2797, 0.2787

Split Complementary

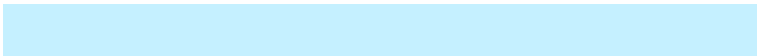
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1194, 0.3049, 0.2905



83.1194, 0.3435, 0.3748



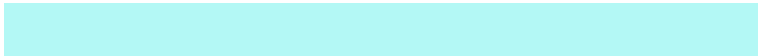
83.1194, 0.2669, 0.2918

Square

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



83.1194, 0.3435, 0.3748



83.1194, 0.2734, 0.3318



83.1194, 0.2815, 0.2857



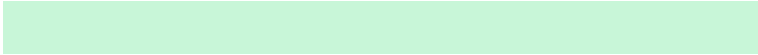
83.1194, 0.3534, 0.3244

Rectangle

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



83.1194, 0.3435, 0.3748



83.1194, 0.3014, 0.3622



83.1194, 0.2815, 0.2857



83.1194, 0.3227, 0.2989

Sweetspot

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



83.1231, 0.3435, 0.3748



98.2502, 0.3217, 0.3425



60.8619, 0.3491, 0.3248



20.9899, 0.3227, 0.3440



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.



83.1231, 0.3435, 0.3748



93.4848, 0.3502, 0.3846



82.1153, 0.3288, 0.3809



18.2227, 0.3270, 0.3504



38.3103, 0.4345, 0.4932



3.2525, 0.4323, 0.4949

Inverse Universe

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



57.5950, 0.2797, 0.2787



59.4417, 0.2720, 0.2666



58.6277, 0.2939, 0.2762



15.4383, 0.2979, 0.3066



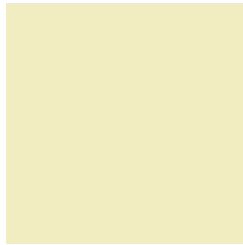
3.7900, 0.1515, 0.0654



0.3870, 0.1551, 0.0783

Previews

White Background



This preview shows how the Yxy color 83.1194, 0.3435, 0.3748 looks on a white background.

Color Contrast Check

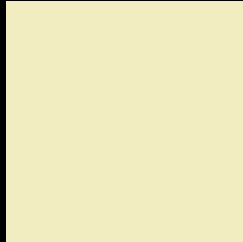
Large Text (above 18pt) WCAG AA × Fail

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 83.1194, 0.3435, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

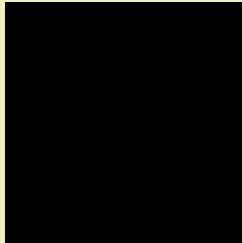
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.1194, 0.3435, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 83.1194, 0.3435, 0.3748.

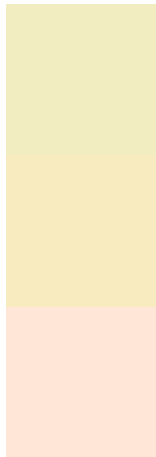


This preview shows how white text looks on a background with the Yxy color 83.1194, 0.3435, 0.3748.

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

83.1194, 0.3435, 0.3748

Protanopia

83.3622, 0.3503, 0.3730

Deuteranopia

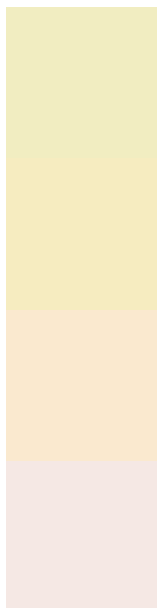
82.7599, 0.3401, 0.3441



Tritanopia

82.7724, 0.3136, 0.3102

Trichromacy



Original Color

83.1194, 0.3435, 0.3748

Protanomaly

83.3895, 0.3479, 0.3743

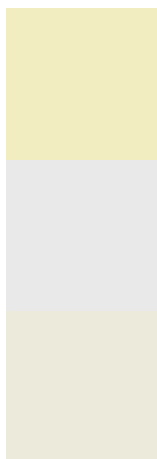
Deuteranomaly

83.1068, 0.3414, 0.3555

Tritanomaly

82.7271, 0.3242, 0.3331

Monochromacy



Original Color

83.1194, 0.3435, 0.3748

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.7405, 0.3242, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.1194, 0.3435, 0.3748 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(241, 237, 193)` looks like.

```
.text, #text, p{  
    color:rgb(241, 237, 193)  
}
```

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(241, 237, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 237, 193) }
```

Border

The CSS property to change the border of an element to Yxy 83.1194, 0.3435, 0.3748 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(241, 237, 193) }
```

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

```
.border{ border-color:rgb(241, 237, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 237, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 237, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 237, 193); box-shadow:4px 4px 4px 4px rgb(241, 237, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 83.1194, 0.3435, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 237, 193) }
```

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

```
.background{ background-color: rgb(241,  
237, 193) }
```

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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