

Converting Colors

$Yxy(83.1563, 0.3559, 0.3900)$

Have a look what the booklet for
Yxy(83.1563, 0.3559, 0.3900)
contains.

| | |
|---|----|
| Yxy(83.1952, 0.3561, 0.3900) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(83.1952, 0.3561, 0.3900)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F5EDB2 |
| RGB | 245, 237, 178 |
| RGB Percent | 96%, 93%, 70% |
| CMY | 0.0394, 0.0705, 0.3020 |
| CMYK | 0.00, 0.03, 0.27, 0.04 |
| HSL | 53°, 77%, 83% |
| HSV | 53°, 27%, 96% |
| XYZ | 75.9636, 83.1952, 54.1622 |
| YIQ | 232.6660, 23.7070, -16.6530 |

Conversions

Conversions Part 2

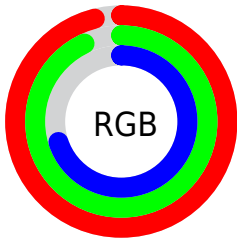
| Format | Color |
|-------------------------------------|---|
| RYB | 187, 245, 178 |
| Decimal | 16117170 |
| CIELab | 93.10, -6.25, 29.63 |
| CIELCh | 93, 30.287, 101.908 |
| Yxy | 83.1952, 0.3561, 0.3900 |
| Android (android.graphics.Color) | 4294307250 (0xFFF5EDB2) |
| YUV | 232.6660, -26.9503, 10.8169 |
| Hunter-Lab | 91.2114, -10.9598, 28.6410 |

Details

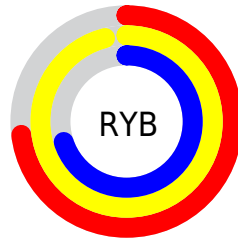
The Yxy color **83.1952, 0.3561, 0.3900** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.1356, 0.2659, 0.2596**, and the grayscale version is **81.4115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **45.2198, 0.3652, 0.4032** is the 20% darker color. If you saturate the color by 10%, you get **80.6336, 0.3727, 0.4123**, and if you desaturate by 10%, it is **85.9672, 0.3397, 0.3673**.

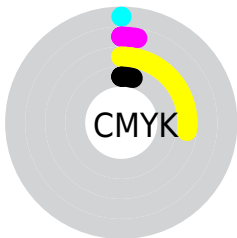
Distribution



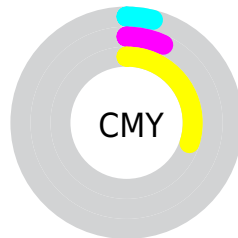
- Red (96%)
- Green (93%)
- Blue (70%)



- Red (73%)
- Yellow (96%)
- Blue (70%)



- Cyan (0%)
- Magenta (3%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (7%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.1952, 0.3561, 0.3900 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 83.1952, 0.3561, 0.3900 by changing the saturation by 10% instead.


 83.1952, 0.3561,
0.3900

 83.1952, 0.3561,
0.3900

505.6368, 0.3369,
0.3623

 62.3512, 0.3603,
0.3962

 137.8488, 0.3496,
0.3805

 45.3165, 0.3653,
0.4037

172.4272, 0.3470,
0.3768

 31.7068, 0.3714,
0.4130


212.3526, 0.3448,
0.3735

 21.1377, 0.3790,
0.4249

258.0092, 0.3428,
0.3707

 13.2247, 0.3885,
0.4404

309.7816, 0.3411,
0.3682

 7.5834, 0.4008,
0.4613

368.0540, 0.3395,

 3.8296, 0.4171,

0.3660

0.4915

433.2110, 0.3381,
0.3641

■ 1.5787, 0.4491,
0.5509

■ 0.3432, 0.3359,
0.6641

■ 83.1952, 0.3561,
0.3900

■ 83.1952, 0.3561,
0.3900

■ 80.6336, 0.3727,
0.4123

■ 85.9672, 0.3397,
0.3673

■ 78.2618, 0.3888,
0.4332

■ 88.9471, 0.3238,
0.3449

■ 76.0730, 0.4038,
0.4518

■ 92.1469, 0.3088,
0.3234

■ 74.0558, 0.4170,
0.4670

■ 94.1496, 0.3067,
0.3228

■ 72.1972, 0.4278,
0.4781

■ 95.9547, 0.3066,
0.3256

■ 70.4820, 0.4358,
0.4847

■ 97.7876, 0.3066,
0.3284

■ 68.8902, 0.4411,
0.4869

■ 98.1450, 0.3065,
0.3290

■ 68.4800, 0.4422,
0.4871

Harmonies

Analogous

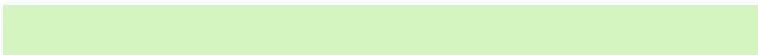
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1952, 0.3777, 0.3745



83.1952, 0.3561, 0.3900



83.1952, 0.3234, 0.3883

Triad

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



83.1952, 0.3561, 0.3900



83.1952, 0.2486, 0.3031



83.1952, 0.3345, 0.2944

Complementary

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



83.1952, 0.3561, 0.3900



51.1356, 0.2659, 0.2596

Split Complementary

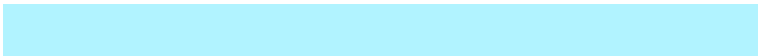
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1952, 0.2990, 0.2772



83.1952, 0.3561, 0.3900



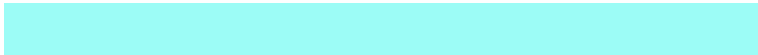
83.1952, 0.2510, 0.2806

Square

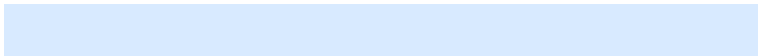
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1952, 0.3561, 0.3900



83.1952, 0.2621, 0.3352



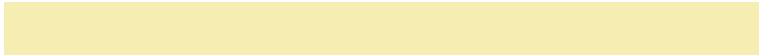
83.1952, 0.2689, 0.2719



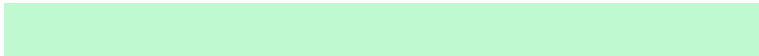
83.1952, 0.3653, 0.3199

Rectangle

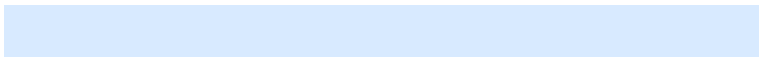
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.1952, 0.3561, 0.3900



83.1952, 0.3002, 0.3764



83.1952, 0.2689, 0.2719



83.1952, 0.3226, 0.2876

Sweetspot

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



83.1989, 0.3561, 0.3900



97.2222, 0.3249, 0.3464



54.8217, 0.3643, 0.3195



20.7015, 0.3272, 0.3498



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

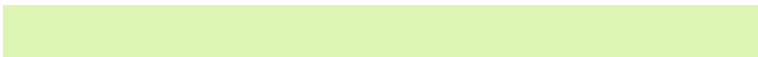
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.1989, 0.3561, 0.3900



89.5159, 0.3656, 0.4029



83.7713, 0.3370, 0.4015



18.9586, 0.3271, 0.3497



37.0407, 0.4418, 0.4874



3.3484, 0.4386, 0.4899

Inverse Universe

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



51.1356, 0.2659, 0.2596



48.8368, 0.2546, 0.2424



51.0546, 0.2828, 0.2538



16.2429, 0.2979, 0.3075



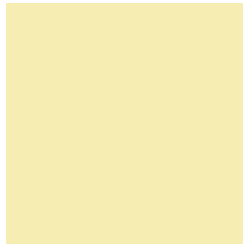
4.1277, 0.1524, 0.0686



0.4630, 0.1569, 0.0849

Previews

White Background



This preview shows how the Yxy color 83.1952, 0.3561, 0.3900 looks on a white background.

Color Contrast Check

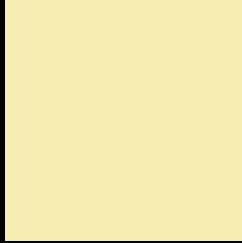
Large Text (above 18pt) WCAG AA × Fail

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 83.1952, 0.3561, 0.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

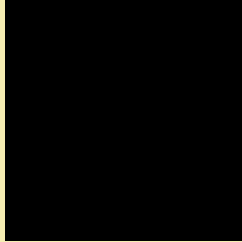
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.1952, 0.3561, 0.3900

Background



This preview shows how black text looks on a background with the Yxy color 83.1952, 0.3561, 0.3900.



This preview shows how white text looks on a background with the Yxy color 83.1952, 0.3561, 0.3900.

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

83.1952, 0.3561, 0.3900

Protanopia

83.2864, 0.3624, 0.3880

Deuteranopia

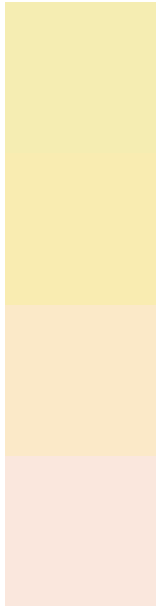
83.1653, 0.3420, 0.3481



Tritanopia

83.0233, 0.3183, 0.3114

Trichromacy



Original Color

83.1952, 0.3561, 0.3900

Protanomaly

83.3050, 0.3599, 0.3894

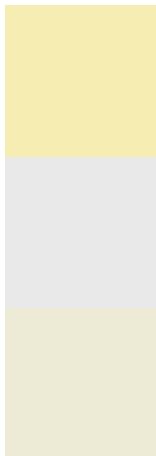
Deuteranomaly

82.9572, 0.3468, 0.3626

Tritanomaly

82.6963, 0.3324, 0.3391

Monochromacy



Original Color

83.1952, 0.3561, 0.3900

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.6543, 0.3281, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.1952, 0.3561, 0.3900 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(245, 237, 178)` looks like.

```
.text, #text, p{  
    color:rgb(245, 237, 178)  
}
```

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(245, 237, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 237, 178) }
```

Border

The CSS property to change the border of an element to Yxy 83.1952, 0.3561, 0.3900 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(245, 237, 178) }
```

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

```
.border{ border-color:rgb(245, 237, 178) }
```

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

Here you see how a box with a 4 pixel rgb(245, 237, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 237, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 237, 178);  
box-shadow:4px 4px 4px 4px rgb(245, 237,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 83.1952, 0.3561, 0.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 237, 178) }
```

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

```
.background{ background-color: rgb(245,  
237, 178) }
```

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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