

Converting Colors

$Yxy(83.5037, 0.3311, 0.3491)$

Have a look what the booklet for
Yxy(83.5037, 0.3311, 0.3491)
contains.

Yxy(83.5561, 0.3316, 0.3495)	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(83.5561, 0.3316, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	F4EBD7
RGB	244, 235, 215
RGB Percent	96%, 92%, 84%
CMY	0.0432, 0.0784, 0.1569
CMYK	0.00, 0.04, 0.12, 0.04
HSL	41°, 57%, 90%
HSV	41°, 12%, 96%
XYZ	79.2767, 83.5561, 76.2405
YIQ	235.4110, 11.7840, -4.3120

Conversions

Conversions Part 2

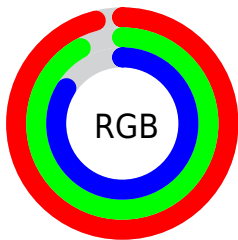
Format	Color
R _Y B	228, 244, 215
Decimal	16051159
CIE Lab	93.26, -0.28, 10.78
CIE LCh	93, 10.780, 91.481
Yxy	83.5561, 0.3316, 0.3495
Android (android.graphics.Color)	4294241239 (0xFFF4EBD7)
YUV	235.4110, -10.0626, 7.5326
Hunter-Lab	91.4090, -5.1574, 14.5350

Details

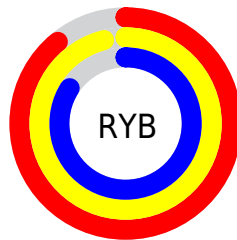
The Yxy color **83.5561, 0.3316, 0.3495** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **74.2724, 0.2941, 0.3076**, and the grayscale version is **83.4791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.4696, 0.3364, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **78.1657, 0.3492, 0.3676**, and if you desaturate by 10%, it is **89.3244, 0.3156, 0.3322**.

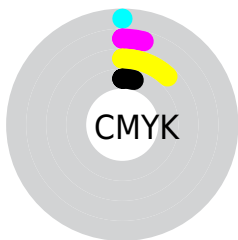
Distribution



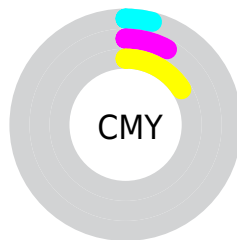
- Red (96%)
- Green (92%)
- Blue (84%)



- Red (89%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.5561, 0.3316, 0.3495 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 83.5561, 0.3316, 0.3495 by changing the saturation by 10% instead.


 83.5561, 0.3316,
0.3495

 83.5561, 0.3316,
0.3495

506.8380, 0.3231,
0.3402

 62.6490, 0.3335,
0.3516


138.3541, 0.3287,
0.3463

 45.5573, 0.3358,
0.3541


173.0137, 0.3275,
0.3451

 31.8966, 0.3387,
0.3573


213.0263, 0.3265,
0.3440

 21.2826, 0.3425,
0.3613

258.7764, 0.3257,
0.3431

 13.3307, 0.3474,
0.3667

310.6481, 0.3249,
0.3422

 7.6567, 0.3544,
0.3743

369.0261, 0.3242,

 3.8760, 0.3648,

0.3415

434.2945, 0.3236,
0.3408

0.3857

■ 1.6045, 0.3822,
0.4048

■ 0.3606, 0.4823,
0.5177

■ 83.5561, 0.3316,
0.3495

■ 83.5561, 0.3316,
0.3495

■ 78.1657, 0.3492,
0.3676

■ 89.3244, 0.3156,
0.3322

■ 73.1315, 0.3682,
0.3859

■ 94.8897, 0.3061,
0.3242

■ 68.4463, 0.3882,
0.4038

■ 97.9693, 0.3060,
0.3290

■ 64.0980, 0.4088,
0.4204

■ 60.0735, 0.4291,
0.4347

■ 56.3588, 0.4482,
0.4454

■ 52.9376, 0.4652,
0.4517

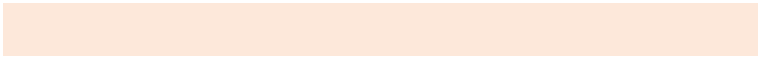
■ 49.7909, 0.4791,
0.4528

■ 47.4144, 0.4883,
0.4505

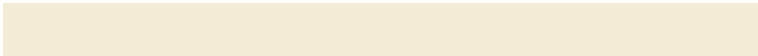
Harmonies

Analogous

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



83.5561, 0.3369, 0.3431



83.5561, 0.3316, 0.3495



83.5561, 0.3212, 0.3504

Triad

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



83.5561, 0.3316, 0.3495



83.5561, 0.2904, 0.3241



83.5561, 0.3163, 0.3135

Complementary

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



83.5561, 0.3316, 0.3495



74.2724, 0.2941, 0.3076

Split Complementary

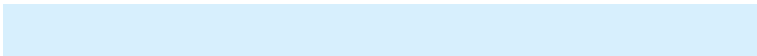
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5561, 0.3039, 0.3085



83.5561, 0.3316, 0.3495



83.5561, 0.2891, 0.3144

Square

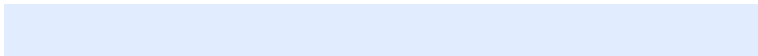
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5561, 0.3316, 0.3495



83.5561, 0.2975, 0.3355



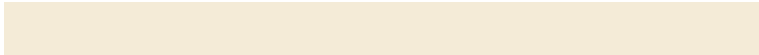
83.5561, 0.2940, 0.3088



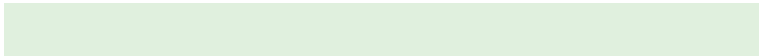
83.5561, 0.3280, 0.3225

Rectangle

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



83.5561, 0.3316, 0.3495



83.5561, 0.3130, 0.3476



83.5561, 0.2940, 0.3088



83.5561, 0.3121, 0.3113

Sweetspot

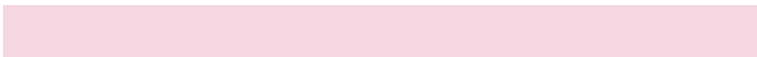
The Sweet Spot groups the original color and five complimentary colors.



83.5598, 0.3316, 0.3495



97.3632, 0.3188, 0.3358



73.2232, 0.3277, 0.3196



20.7352, 0.3200, 0.3371



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.



83.5598, 0.3316, 0.3495



91.0637, 0.3353, 0.3534



87.8877, 0.3269, 0.3587



18.3978, 0.3276, 0.3453



26.0404, 0.4869, 0.4516



2.4708, 0.4763, 0.4600

Inverse Universe

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



74.2724, 0.2941, 0.3076



79.1133, 0.2905, 0.3034



70.3977, 0.2975, 0.2982



16.7631, 0.2980, 0.3122



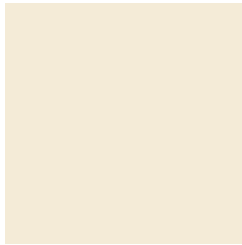
6.5374, 0.1616, 0.1019



0.7496, 0.1685, 0.1264

Previews

White Background



This preview shows how the Yxy color 83.5561, 0.3316, 0.3495 looks on a white background.

Color Contrast Check

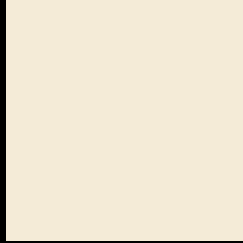
Large Text (above 18pt) WCAG AA × Fail

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 83.5561, 0.3316, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

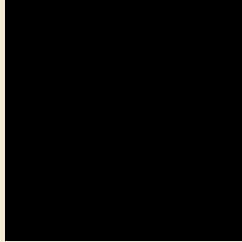
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

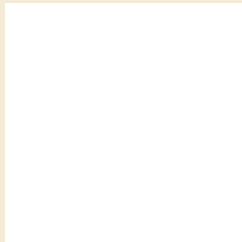
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.5561, 0.3316, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 83.5561, 0.3316, 0.3495.

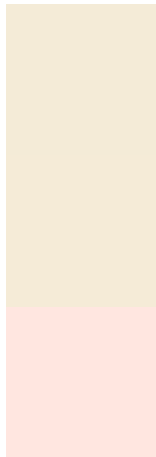


This preview shows how white text looks on a background with the Yxy color 83.5561, 0.3316, 0.3495.

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

83.5561, 0.3316, 0.3495

Protanopia

83.7354, 0.3323, 0.3494

Deuteranopia

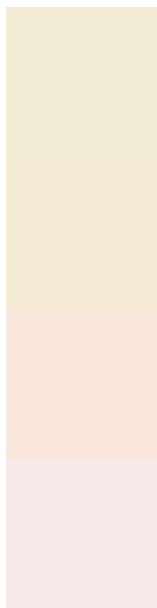
83.2354, 0.3341, 0.3350



Tritanopia

83.5107, 0.3142, 0.3113

Trichromacy



Original Color

83.5561, 0.3316, 0.3495

Protanomaly

83.7354, 0.3323, 0.3494

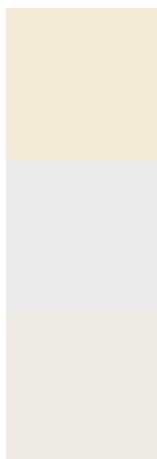
Deuteranomaly

83.4429, 0.3330, 0.3401

Tritanomaly

83.5435, 0.3204, 0.3250

Monochromacy



Original Color

83.5561, 0.3316, 0.3495

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.1952, 0.3191, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.5561, 0.3316, 0.3495 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(244, 235, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 235, 215)  
}
```

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(244, 235, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 235, 215) }
```

Border

The CSS property to change the border of an element to Yxy 83.5561, 0.3316, 0.3495 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(244, 235, 215) }
```

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

```
.border{ border-color:rgb(244, 235, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 235, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 235, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 235, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 235,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 83.5561, 0.3316, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 235, 215) }
```

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

```
.background{ background-color: rgb(244,  
235, 215) }
```

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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