

Converting Colors

$Yxy(83.5517, 0.3305, 0.3443)$

Have a look what the booklet for
Yxy(83.5517, 0.3305, 0.3443)
contains.

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Color

Yxy(83.5529, 0.3305, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	F6EADB
RGB	246, 234, 219
RGB Percent	96%, 92%, 86%
CMY	0.0355, 0.0823, 0.1412
CMYK	0.00, 0.05, 0.11, 0.04
HSL	33°, 60%, 91%
HSV	33°, 11%, 96%
XYZ	80.2040, 83.5529, 78.9178
YIQ	235.8780, 11.9670, -2.1210

Conversions

Conversions Part 2

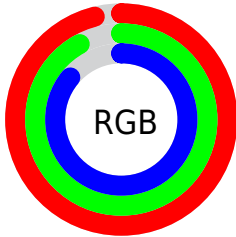
Format	Color
R _Y B	241, 246, 219
Decimal	16181979
CIE Lab	93.26, 1.56, 8.72
CIE LCh	93, 8.857, 79.886
Yxy	83.5529, 0.3305, 0.3443
Android (android.graphics.Color)	4294372059 (0xFFFF6EADB)
YUV	235.8780, -8.3209, 8.8770
Hunter-Lab	91.4073, -3.3405, 12.7962

Details

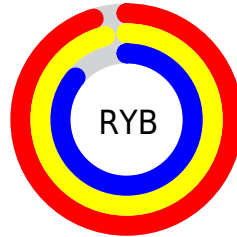
The Yxy color **83.5529, 0.3305, 0.3443** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.8304, 0.2956, 0.3132**, and the grayscale version is **83.8390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.4683, 0.3350, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **76.3413, 0.3489, 0.3590**, and if you desaturate by 10%, it is **91.3447, 0.3142, 0.3303**.

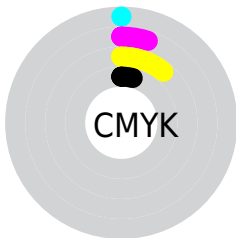
Distribution



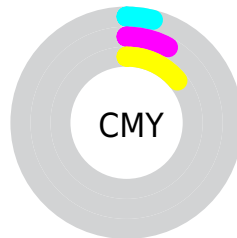
- Red (96%)
- Green (92%)
- Blue (86%)



- Red (95%)
- Yellow (96%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.5529, 0.3305, 0.3443 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 83.5529, 0.3305, 0.3443 by changing the saturation by 10% instead.


 83.5529, 0.3305,
0.3443

 83.5529, 0.3305,
0.3443

506.8273, 0.3225,
0.3374

 62.6464, 0.3323,
0.3458


138.3496, 0.3277,
0.3419

 45.5552, 0.3345,
0.3477


173.0085, 0.3267,
0.3410

 31.8950, 0.3373,
0.3500


213.0204, 0.3257,
0.3402

 21.2813, 0.3408,
0.3530

258.7696, 0.3249,
0.3395

 13.3298, 0.3456,
0.3570

310.6404, 0.3242,
0.3389

 7.6560, 0.3522,
0.3626

369.0174, 0.3235,

 3.8756, 0.3622,

0.3384

0.3708

434.2849, 0.3230,
0.3379

■ 1.6042, 0.3789,
0.3843

■ 0.3605, 0.5136,
0.4864

■ 83.5529, 0.3305,
0.3443

■ 83.5529, 0.3305,
0.3443

■ 76.3413, 0.3489,
0.3590

■ 91.3447, 0.3142,
0.3303

■ 69.6836, 0.3695,
0.3741

■ 98.3254, 0.3072,
0.3290

■ 63.5677, 0.3921,
0.3890

■ 57.9765, 0.4165,
0.4029

■ 52.8920, 0.4417,
0.4147

■ 48.2946, 0.4668,
0.4232

■ 44.1626, 0.4903,
0.4272

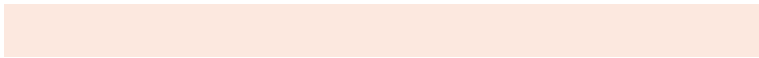
■ 40.4715, 0.5108,
0.4258

■ 37.4832, 0.5263,
0.4203

Harmonies

Analogous

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



83.5529, 0.3328, 0.3377



83.5529, 0.3305, 0.3443



83.5529, 0.3234, 0.3469

Triad

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



83.5529, 0.3305, 0.3443



83.5529, 0.2961, 0.3286



83.5529, 0.3117, 0.3142

Complementary

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



83.5529, 0.3305, 0.3443



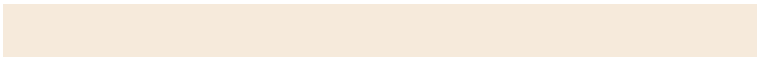
78.8304, 0.2956, 0.3132

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.



83.5529, 0.3020, 0.3117



83.5529, 0.3305, 0.3443



83.5529, 0.2930, 0.3198

Square

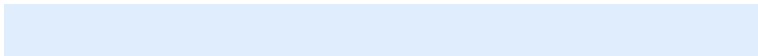
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5529, 0.3305, 0.3443



83.5529, 0.3035, 0.3378



83.5529, 0.2952, 0.3137



83.5529, 0.3218, 0.3205

Rectangle

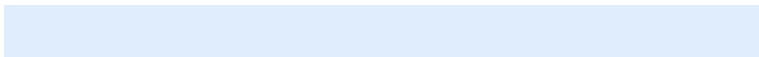
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.5529, 0.3305, 0.3443



83.5529, 0.3169, 0.3458



83.5529, 0.2952, 0.3137



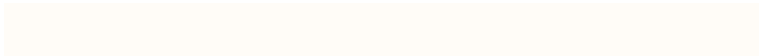
83.5529, 0.3083, 0.3129

Sweetspot

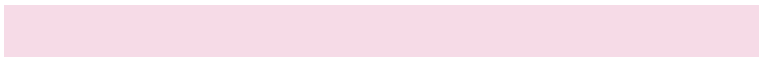
The Sweet Spot groups the original color and five complimentary colors.



83.5566, 0.3305, 0.3443



97.3743, 0.3174, 0.3331



76.0262, 0.3239, 0.3167



20.6940, 0.3186, 0.3342



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.



83.5566, 0.3305, 0.3443



89.0333, 0.3341, 0.3473



90.3436, 0.3282, 0.3562



18.0138, 0.3280, 0.3422



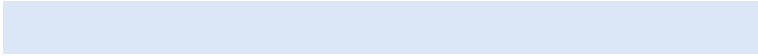
20.2990, 0.5241, 0.4221



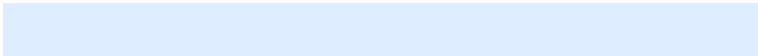
1.9888, 0.5074, 0.4354

Inverse Universe

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



78.8304, 0.2956, 0.3132



83.0238, 0.2923, 0.3100



72.5853, 0.2963, 0.3005



17.1348, 0.2980, 0.3155



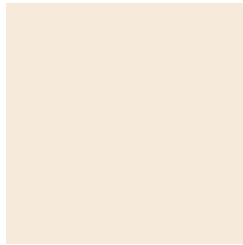
9.6537, 0.1720, 0.1392



1.0499, 0.1787, 0.1632

Previews

White Background



This preview shows how the Yxy color 83.5529, 0.3305, 0.3443 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 83.5529, 0.3305, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

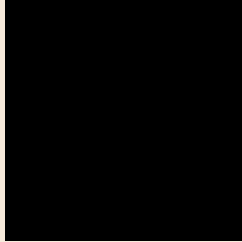
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.5529, 0.3305, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 83.5529, 0.3305, 0.3443.

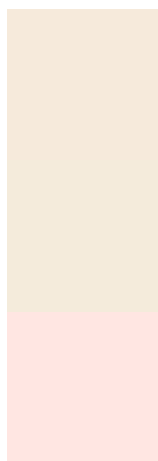


This preview shows how white text looks on a background with the Yxy color 83.5529, 0.3305, 0.3443.

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

83.5529, 0.3305, 0.3443

Protanopia

83.7642, 0.3290, 0.3454

Deuteranopia

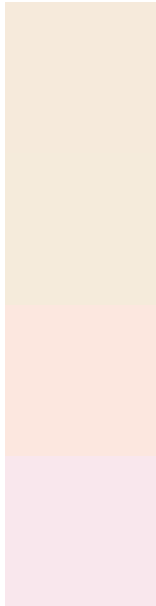
83.3446, 0.3327, 0.3330



Tritanopia

83.6949, 0.3149, 0.3113

Trichromacy



Original Color

83.5529, 0.3305, 0.3443

Protanomaly

83.9436, 0.3297, 0.3453

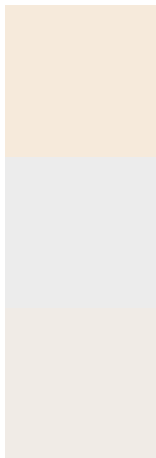
Deuteranomaly

83.1750, 0.3325, 0.3371

Tritanomaly

83.4060, 0.3212, 0.3230

Monochromacy



Original Color

83.5529, 0.3305, 0.3443

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.6551, 0.3192, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.5529, 0.3305, 0.3443 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(246, 234, 219)` looks like.

```
.text, #text, p{  
    color:rgb(246, 234, 219)  
}
```

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(246, 234, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 234, 219) }
```

Border

The CSS property to change the border of an element to Yxy 83.5529, 0.3305, 0.3443 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(246, 234, 219) }
```

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

```
.border{ border-color:rgb(246, 234, 219) }
```

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

Here you see how a box with a 4 pixel rgb(246, 234, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 234, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 234, 219);  
box-shadow:4px 4px 4px 4px rgb(246, 234,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 83.5529, 0.3305, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 234, 219) }
```

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

```
.background{ background-color: rgb(246,  
234, 219) }
```

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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