

Converting Colors

$Yxy(84.3525, 0.3306, 0.3504)$

Have a look what the booklet for
Yxy(84.3525, 0.3306, 0.3504)
contains.

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Color

Yxy(84.5809, 0.3300, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	F3EDD8
RGB	243, 237, 216
RGB Percent	95%, 93%, 85%
CMY	0.0472, 0.0705, 0.1529
CMYK	0.00, 0.02, 0.11, 0.05
HSL	47°, 53%, 90%
HSV	47°, 11%, 95%
XYZ	79.6339, 84.5809, 77.1001
YIQ	236.4000, 10.3170, -5.2590

Conversions

Conversions Part 2

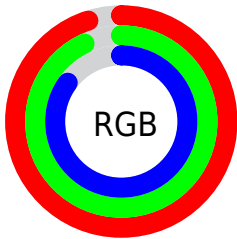
Format	Color
RYB	224, 243, 216
Decimal	15986136
CIELab	93.70, -1.49, 10.88
CIElCh	94, 10.980, 97.800
Yxy	84.5809, 0.3300, 0.3505
Android (android.graphics.Color)	4294176216 (0xFFF3EDD8)
YUV	236.4000, -10.0572, 5.7882
Hunter-Lab	91.9679, -6.3826, 14.6725

Details

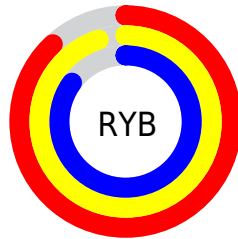
The Yxy color **84.5809, 0.3300, 0.3505** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **73.2941, 0.2953, 0.3065**, and the grayscale version is **84.2756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1858, 0.3343, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **80.3574, 0.3468, 0.3707**, and if you desaturate by 10%, it is **89.0907, 0.3144, 0.3311**.

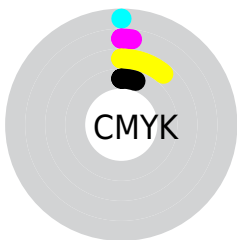
Distribution



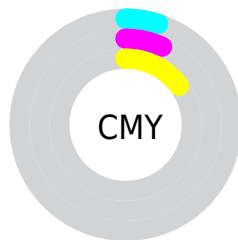
- Red (95%)
- Green (93%)
- Blue (85%)



- Red (88%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (5%)





- Cyan (5%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.5809, 0.3300, 0.3505 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 84.5809, 0.3300, 0.3505 by changing the saturation by 10% instead.


 84.5809, 0.3300,
0.3505

 84.5809, 0.3300,
0.3505

510.2403, 0.3222,
0.3408

 63.4951, 0.3317,
0.3527


139.7875, 0.3273,
0.3472

 46.2419, 0.3338,
0.3553


174.6771, 0.3263,
0.3459

 32.4367, 0.3365,
0.3586


214.9368, 0.3254,
0.3447

 21.6953, 0.3398,
0.3629

260.9510, 0.3246,
0.3437

 13.6332, 0.3443,
0.3686

313.1040, 0.3239,
0.3429

 7.8660, 0.3505,
0.3766

371.7803, 0.3233,

 4.0093, 0.3597,

0.3421

437.3643, 0.3227,
0.3414

0.3885

■ 1.6788, 0.3748,
0.4084

■ 0.4099, 0.4629,
0.5371

■ 84.5809, 0.3300,
0.3505

■ 84.5809, 0.3300,
0.3505

■ 80.3574, 0.3468,
0.3707

■ 89.0907, 0.3144,
0.3311

■ 76.4000, 0.3646,
0.3910

■ 93.2500, 0.3055,
0.3219

■ 72.7031, 0.3829,
0.4109

■ 96.5934, 0.3054,
0.3271

■ 69.2563, 0.4011,
0.4293

■ 97.7894, 0.3053,
0.3290

■ 66.0484, 0.4186,
0.4453

■ 63.0669, 0.4344,
0.4578

■ 60.2976, 0.4479,
0.4659

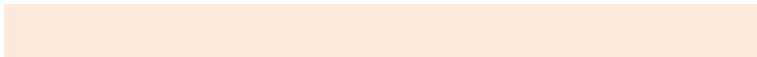
■ 57.7237, 0.4584,
0.4692

■ 55.5729, 0.4655,
0.4686

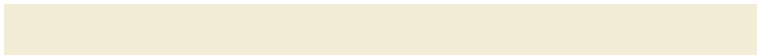
Harmonies

Analogous

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



84.5809, 0.3367, 0.3450



84.5809, 0.3300, 0.3505



84.5809, 0.3188, 0.3501

Triad

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



84.5809, 0.3300, 0.3505



84.5809, 0.2893, 0.3217



84.5809, 0.3191, 0.3149

Complementary

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



84.5809, 0.3300, 0.3505



73.2941, 0.2953, 0.3065

Split Complementary

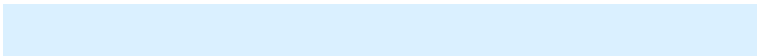
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5809, 0.3063, 0.3089



84.5809, 0.3300, 0.3505



84.5809, 0.2893, 0.3125

Square

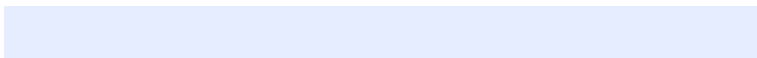
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5809, 0.3300, 0.3505



84.5809, 0.2953, 0.3332



84.5809, 0.2955, 0.3080



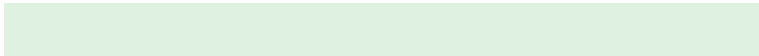
84.5809, 0.3303, 0.3246

Rectangle

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



84.5809, 0.3300, 0.3505



84.5809, 0.3103, 0.3465



84.5809, 0.2955, 0.3080



84.5809, 0.3148, 0.3124

Sweetspot

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



84.5846, 0.3300, 0.3505



98.4436, 0.3172, 0.3347



73.4565, 0.3281, 0.3225



20.9830, 0.3185, 0.3363



0.0000, 0.0000, 0.0000



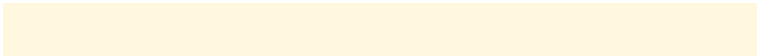
21.4041, 0.3127, 0.3290

Same Dimension

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



84.5846, 0.3300, 0.3505



93.4623, 0.3332, 0.3544



86.8370, 0.3244, 0.3568



18.6561, 0.3274, 0.3473



30.7177, 0.4647, 0.4693



2.8493, 0.4578, 0.4747

Inverse Universe

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



73.2941, 0.2953, 0.3065



78.8602, 0.2921, 0.3023



71.3060, 0.3001, 0.3005



16.5202, 0.2979, 0.3100



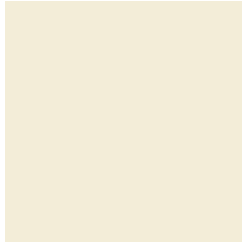
5.1458, 0.1565, 0.0832



0.5989, 0.1626, 0.1054

Previews

White Background



This preview shows how the Yxy color 84.5809, 0.3300, 0.3505 looks on a white background.

Color Contrast Check

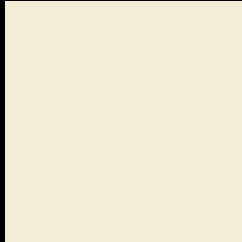
Large Text (above 18pt) WCAG AA × Fail

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 84.5809, 0.3300, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

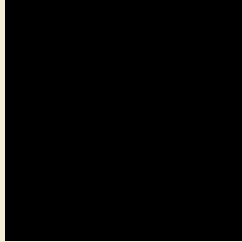
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

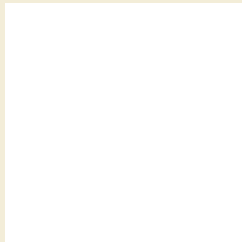
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.5809, 0.3300, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 84.5809, 0.3300, 0.3505.

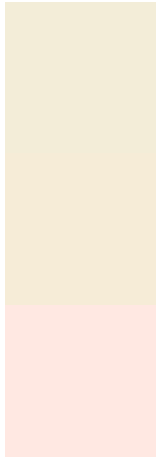


This preview shows how white text looks on a background with the Yxy color 84.5809, 0.3300, 0.3505.

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

84.5809, 0.3300, 0.3505

Protanopia

84.4900, 0.3329, 0.3504

Deuteranopia

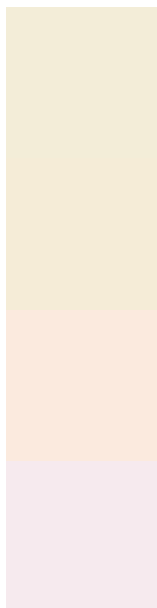
84.4642, 0.3325, 0.3350



Tritanopia

84.5718, 0.3122, 0.3113

Trichromacy



Original Color

84.5809, 0.3300, 0.3505

Protanomaly

84.3097, 0.3322, 0.3504

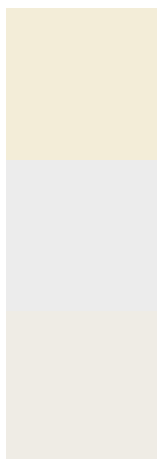
Deuteranomaly

84.6288, 0.3321, 0.3411

Tritanomaly

84.6115, 0.3183, 0.3250

Monochromacy



Original Color

84.5809, 0.3300, 0.3505

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.9988, 0.3191, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5809, 0.3300, 0.3505 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(243, 237, 216)` looks like.

```
.text, #text, p{  
    color:rgb(243, 237, 216)  
}
```

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(243, 237, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 237, 216) }
```

Border

The CSS property to change the border of an element to Yxy 84.5809, 0.3300, 0.3505 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(243, 237, 216) }
```

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

```
.border{ border-color:rgb(243, 237, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 237, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 237, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 237, 216); box-shadow:4px 4px 4px 4px rgb(243, 237, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5809, 0.3300, 0.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 237, 216) }
```

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

```
.background{ background-color: rgb(243,  
237, 216) }
```

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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