

Converting Colors

$Yxy(83.7643, 0.3345, 0.3453)$

Have a look what the booklet for
Yxy(83.7643, 0.3345, 0.3453)
contains.

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Color

Yxy(83.6116, 0.3348, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	FAE9D9
RGB	250, 233, 217
RGB Percent	98%, 91%, 85%
CMY	0.0195, 0.0863, 0.1490
CMYK	0.00, 0.07, 0.13, 0.02
HSL	29°, 77%, 92%
HSV	29°, 13%, 98%
XYZ	81.0926, 83.6116, 77.5079
YIQ	236.2590, 15.2680, -1.3720

Conversions

Conversions Part 2

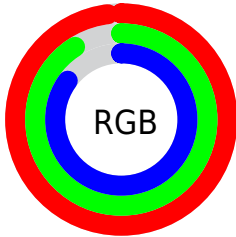
Format	Color
R _Y B	250, 248, 217
Decimal	16443865
CIE Lab	93.28, 3.18, 9.84
CIE LCh	93, 10.342, 72.071
Yxy	83.6116, 0.3348, 0.3452
Android (android.graphics.Color)	4294633945 (0xFFFAE9D9)
YUV	236.2590, -9.4947, 12.0509
Hunter-Lab	91.4394, -1.7170, 13.7509

Details

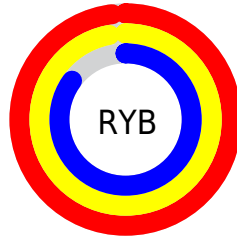
The Yxy color **83.6116, 0.3348, 0.3452** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.5114, 0.2920, 0.3122**, and the grayscale version is **84.1588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.3904, 0.3397, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **75.3792, 0.3544, 0.3582**, and if you desaturate by 10%, it is **92.5814, 0.3177, 0.3328**.

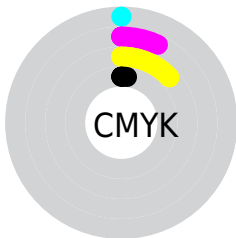
Distribution



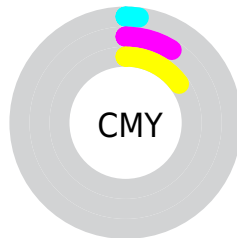
- Red (98%)
- Green (91%)
- Blue (85%)



- Red (98%)
- Yellow (97%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.6116, 0.3348, 0.3452 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 83.6116, 0.3348, 0.3452 by changing the saturation by 10% instead.

 83.6116, 0.3348,
0.3452

 83.6116, 0.3348,
0.3452


507.0226, 0.3248,
0.3380

 62.6948, 0.3370,
0.3468


138.4317, 0.3314,
0.3427

 45.5944, 0.3398,
0.3488

173.1039, 0.3300,
0.3418

 31.9258, 0.3432,
0.3512


213.1299, 0.3289,
0.3409

 21.3049, 0.3476,
0.3543

258.8943, 0.3278,
0.3402

 13.3470, 0.3535,
0.3584

310.7813, 0.3269,
0.3395

 7.6679, 0.3619,
0.3641

369.1754, 0.3261,

 3.8832, 0.3743,

0.3389

0.3724

434.4611, 0.3254,
0.3384

■ 1.6085, 0.3952,
0.3858

■ 0.3633, 0.5380,
0.4620

■ 83.6116, 0.3348,
0.3452

■ 83.6116, 0.3348,
0.3452

■ 75.3792, 0.3544,
0.3582

■ 92.5814, 0.3177,
0.3328

■ 67.8530, 0.3765,
0.3715

■ 99.0679, 0.3096,
0.3290

■ 61.0154, 0.4013,
0.3845

■ 54.8440, 0.4282,
0.3963

■ 49.3149, 0.4565,
0.4059

■ 44.4021, 0.4849,
0.4119

■ 40.0773, 0.5116,
0.4131

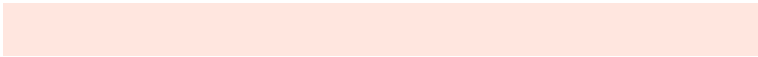
■ 36.3082, 0.5347,
0.4087

■ 34.0396, 0.5481,
0.4030

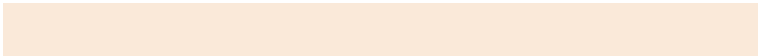
Harmonies

Analogous

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



83.6116, 0.3358, 0.3366



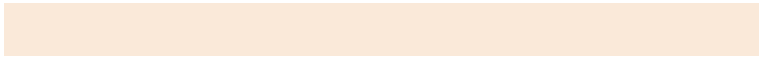
83.6116, 0.3348, 0.3452



83.6116, 0.3278, 0.3496

Triad

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



83.6116, 0.3348, 0.3452



83.6116, 0.2951, 0.3314



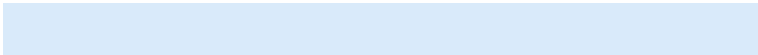
83.6116, 0.3084, 0.3105

Complementary

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



83.6116, 0.3348, 0.3452



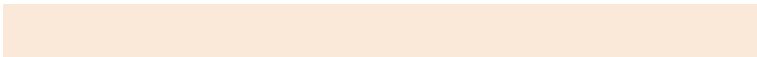
80.5114, 0.2920, 0.3122

Split Complementary

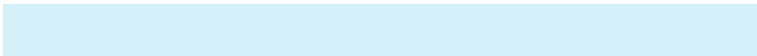
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.6116, 0.2977, 0.3089



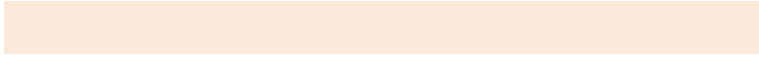
83.6116, 0.3348, 0.3452



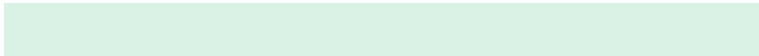
83.6116, 0.2902, 0.3207

Square

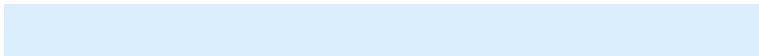
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.6116, 0.3348, 0.3452



83.6116, 0.3048, 0.3417



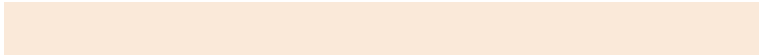
83.6116, 0.2911, 0.3125



83.6116, 0.3204, 0.3168

Rectangle

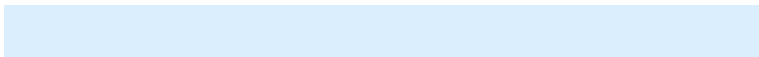
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.6116, 0.3348, 0.3452



83.6116, 0.3207, 0.3495



83.6116, 0.2911, 0.3125



83.6116, 0.3045, 0.3094

Sweetspot

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



83.6153, 0.3348, 0.3452



96.0517, 0.3190, 0.3338



75.8966, 0.3250, 0.3119



20.4031, 0.3202, 0.3347



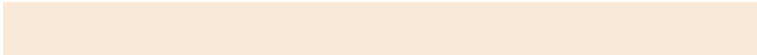
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

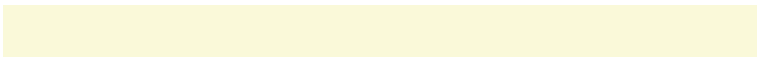
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6153, 0.3348, 0.3452



84.9540, 0.3400, 0.3488



93.3801, 0.3326, 0.3612



18.6135, 0.3282, 0.3405



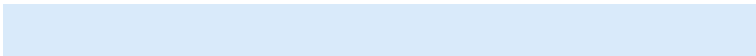
18.3377, 0.5454, 0.4051



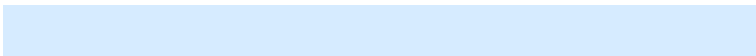
1.9097, 0.5264, 0.4202

Inverse Universe

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



80.5114, 0.2920, 0.3122



81.0945, 0.2875, 0.3084



71.5639, 0.2916, 0.2946



18.1228, 0.2980, 0.3172



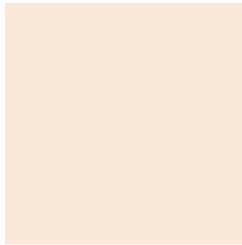
12.2590, 0.1785, 0.1627



1.3477, 0.1844, 0.1838

Previews

White Background



This preview shows how the Yxy color 83.6116, 0.3348, 0.3452 looks on a white background.

Color Contrast Check

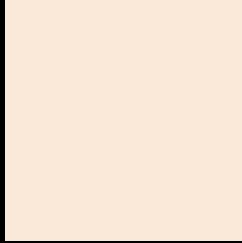
Large Text (above 18pt) WCAG AA × Fail

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 83.6116, 0.3348, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

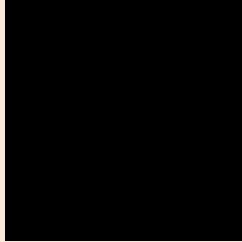
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

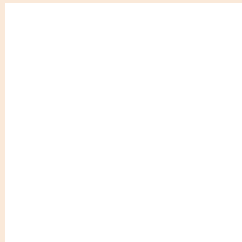
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.6116, 0.3348, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 83.6116, 0.3348, 0.3452.

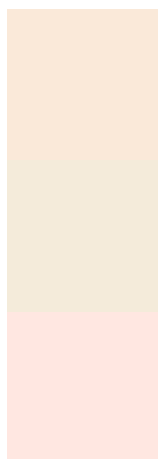


This preview shows how white text looks on a background with the Yxy color 83.6116, 0.3348, 0.3452.

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

83.6116, 0.3348, 0.3452

Protanopia

83.7117, 0.3297, 0.3464

Deuteranopia

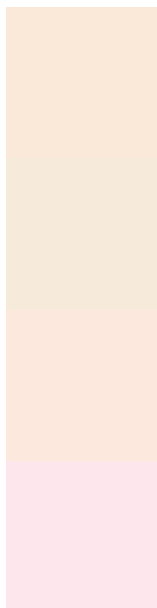
83.8481, 0.3333, 0.3350



Tritanopia

83.8249, 0.3183, 0.3114

Trichromacy



Original Color

83.6116, 0.3348, 0.3452

Protanomaly

83.5004, 0.3312, 0.3453

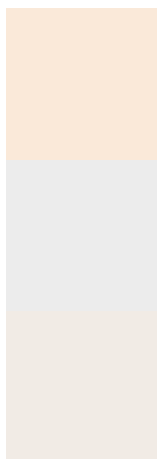
Deuteranomaly

83.8698, 0.3337, 0.3391

Tritanomaly

83.5324, 0.3247, 0.3231

Monochromacy



Original Color

83.6116, 0.3348, 0.3452

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.7746, 0.3205, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.6116, 0.3348, 0.3452 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(250, 233, 217)` looks like.

```
.text, #text, p{  
    color:rgb(250, 233, 217)  
}
```

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(250, 233, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 233, 217) }
```

Border

The CSS property to change the border of an element to Yxy 83.6116, 0.3348, 0.3452 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(250, 233, 217) }
```

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

```
.border{ border-color:rgb(250, 233, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 233, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 233, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 233, 217);  
box-shadow:4px 4px 4px 4px rgb(250, 233,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 83.6116, 0.3348, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 233, 217) }
```

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

```
.background{ background-color: rgb(250,  
233, 217) }
```

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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