

Converting Colors

$Yxy(83.2724, 0.3321, 0.3492)$

Have a look what the booklet for
Yxy(83.2724, 0.3321, 0.3492)
contains.

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Color

Yxy(82.9850, 0.3317, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	F4EAD7
RGB	244, 234, 215
RGB Percent	96%, 92%, 84%
CMY	0.0433, 0.0823, 0.1568
CMYK	0.00, 0.04, 0.12, 0.04
HSL	39°, 57%, 90%
HSV	39°, 12%, 96%
XYZ	78.9846, 82.9850, 76.1509
YIQ	234.8240, 12.0590, -3.7890

Conversions

Conversions Part 2

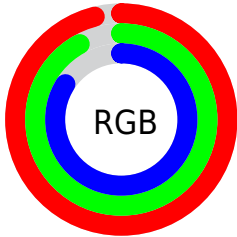
Format	Color
R _Y B	230, 244, 215
Decimal	16050903
CIE Lab	93.01, 0.22, 10.42
CIE LCh	93, 10.418, 88.801
Yxy	82.9850, 0.3317, 0.3485
Android (android.graphics.Color)	4294240983 (0xFFF4EAD7)
YUV	234.8240, -9.7732, 8.0474
Hunter-Lab	91.0961, -4.6503, 14.2043

Details

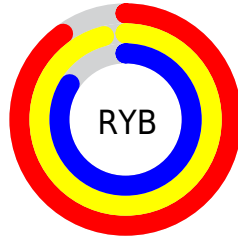
The Yxy color **82.9850, 0.3317, 0.3485** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.7952, 0.2941, 0.3087**, and the grayscale version is **83.0039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0702, 0.3366, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **77.1721, 0.3495, 0.3657**, and if you desaturate by 10%, it is **89.2174, 0.3155, 0.3320**.

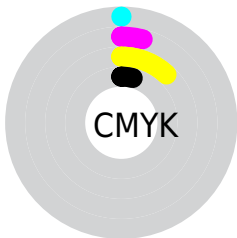
Distribution



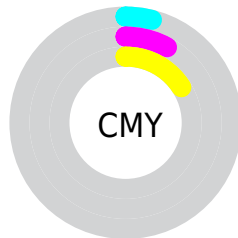
- Red (96%)
- Green (92%)
- Blue (84%)



- Red (90%)
- 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 82.9850, 0.3317, 0.3485 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 82.9850, 0.3317, 0.3485 by changing the saturation by 10% instead.

82.9850, 0.3317,
0.3485

82.9850, 0.3317,
0.3485

504.9365, 0.3231,
0.3397

62.1778, 0.3336,
0.3505

137.5545, 0.3288,
0.3455

45.1764, 0.3360,
0.3529

172.0855, 0.3276,
0.3443

31.5964, 0.3389,
0.3559

211.9599, 0.3266,
0.3433

21.0534, 0.3427,
0.3597

257.5621, 0.3257,
0.3424

13.1630, 0.3477,
0.3649

309.2764, 0.3250,
0.3416

7.5409, 0.3548,
0.3721

367.4874, 0.3243,

3.8026, 0.3654,

0.3409

0.3829

432.5793, 0.3237,
0.3403

■ 1.5638, 0.3833,
0.4012

■ 0.3330, 0.4915,
0.5085

■ 82.9850, 0.3317,
0.3485

■ 82.9850, 0.3317,
0.3485

■ 77.1721, 0.3495,
0.3657

■ 89.2174, 0.3155,
0.3320

■ 71.7564, 0.3690,
0.3833

■ 95.2891, 0.3060,
0.3249

■ 66.7295, 0.3897,
0.4004

■ 97.9641, 0.3059,
0.3290

■ 62.0786, 0.4112,
0.4164

■ 57.7899, 0.4327,
0.4300

■ 53.8482, 0.4533,
0.4401

■ 50.2363, 0.4717,
0.4457

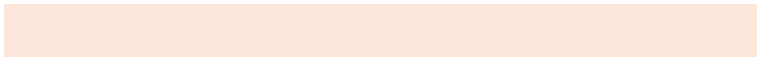
■ 46.9344, 0.4872,
0.4462

■ 44.4531, 0.4975,
0.4432

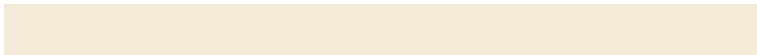
Harmonies

Analogous

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



82.9850, 0.3363, 0.3419



82.9850, 0.3317, 0.3485



82.9850, 0.3220, 0.3499

Triad

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



82.9850, 0.3317, 0.3485



82.9850, 0.2915, 0.3253



82.9850, 0.3151, 0.3134

Complementary

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



82.9850, 0.3317, 0.3485



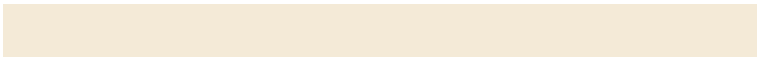
74.7952, 0.2941, 0.3087

Split Complementary

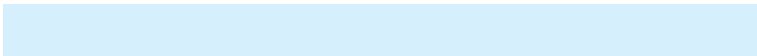
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9850, 0.3032, 0.3090



82.9850, 0.3317, 0.3485



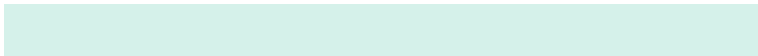
82.9850, 0.2897, 0.3155

Square

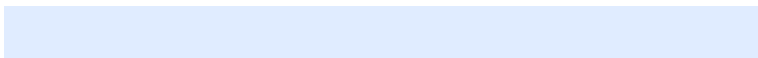
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9850, 0.3317, 0.3485



82.9850, 0.2988, 0.3363



82.9850, 0.2939, 0.3097



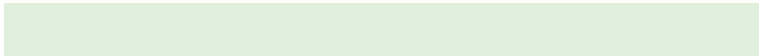
82.9850, 0.3266, 0.3218

Rectangle

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



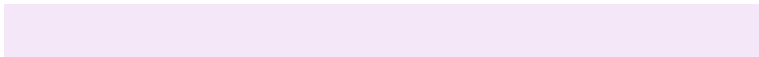
82.9850, 0.3317, 0.3485



82.9850, 0.3140, 0.3475



82.9850, 0.2939, 0.3097



82.9850, 0.3110, 0.3114

Sweetspot

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



82.9887, 0.3317, 0.3485



97.1478, 0.3189, 0.3355



73.2745, 0.3270, 0.3186



20.6806, 0.3201, 0.3367



0.0000, 0.0000, 0.0000



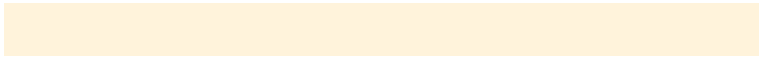
21.4041, 0.3127, 0.3290

Same Dimension

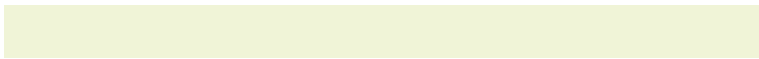
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9887, 0.3317, 0.3485



90.3428, 0.3354, 0.3522



88.0350, 0.3275, 0.3586



18.3003, 0.3277, 0.3445



24.4465, 0.4959, 0.4444



2.3393, 0.4838, 0.4540

Inverse Universe

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



74.7952, 0.2941, 0.3087



79.7860, 0.2905, 0.3047



70.2498, 0.2969, 0.2982



16.8562, 0.2980, 0.3130



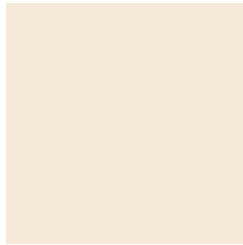
7.2034, 0.1640, 0.1104



0.8168, 0.1709, 0.1352

Previews

White Background



This preview shows how the Yxy color 82.9850, 0.3317, 0.3485 looks on a white background.

Color Contrast Check

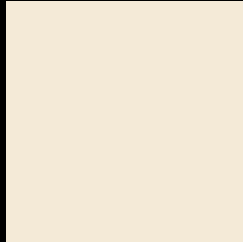
Large Text (above 18pt) WCAG AA × Fail

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 82.9850, 0.3317, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

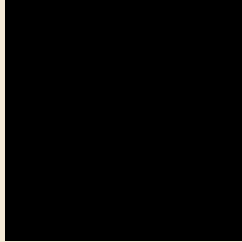
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

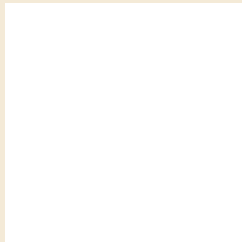
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9850, 0.3317, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 82.9850, 0.3317, 0.3485.

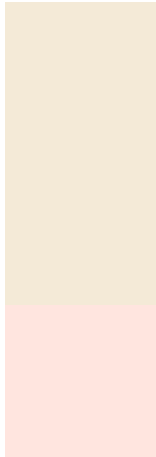


This preview shows how white text looks on a background with the Yxy color 82.9850, 0.3317, 0.3485.

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

82.9850, 0.3317, 0.3485

Protanopia

82.9850, 0.3317, 0.3485

Deuteranopia

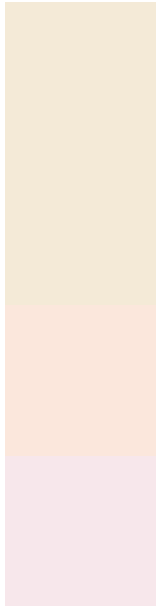
82.6263, 0.3349, 0.3350



Tritanopia

82.7105, 0.3142, 0.3112

Trichromacy



Original Color

82.9850, 0.3317, 0.3485

Protanomaly

82.9850, 0.3317, 0.3485

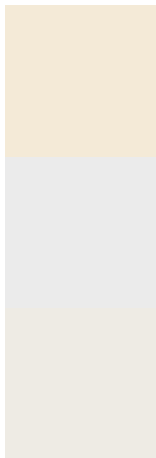
Deuteranomaly

82.8284, 0.3338, 0.3401

Tritanomaly

82.9241, 0.3211, 0.3250

Monochromacy



Original Color

82.9850, 0.3317, 0.3485

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 82.9850, 0.3317, 0.3485 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, 234, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 234, 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, 234, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 234, 215) }
```

Border

The CSS property to change the border of an element to Yxy 82.9850, 0.3317, 0.3485 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, 234, 215) }
```

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

```
.border{ border-color:rgb(244, 234, 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, 234, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 234, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 234, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 234,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9850, 0.3317, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 234, 215) }
```

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

```
.background{ background-color: rgb(244,  
234, 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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