

Converting Colors

$Yxy(83.0399, 0.3351, 0.3484)$

Have a look what the booklet for
Yxy(83.0399, 0.3351, 0.3484)
contains.

Yxy(83.0893, 0.3354, 0.3484)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(83.0893, 0.3354, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	F8E9D6
RGB	248, 233, 214
RGB Percent	97%, 91%, 84%
CMY	0.0274, 0.0863, 0.1610
CMYK	0.00, 0.06, 0.14, 0.03
HSL	34°, 71%, 91%
HSV	34°, 14%, 97%
XYZ	79.9890, 83.0893, 75.4100
YIQ	235.3190, 15.0390, -2.7290

Conversions

Conversions Part 2

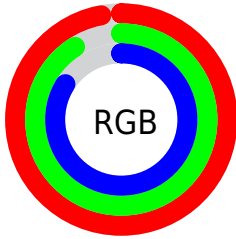
Format	Color
R _Y B	241, 248, 214
Decimal	16312790
CIE Lab	93.05, 2.01, 11.07
CIE LCh	93, 11.252, 79.734
Yxy	83.0893, 0.3354, 0.3484
Android (android.graphics.Color)	4294502870 (0xFFFF8E9D6)
YUV	235.3190, -10.5103, 11.1212
Hunter-Lab	91.1533, -2.8809, 14.7575

Details

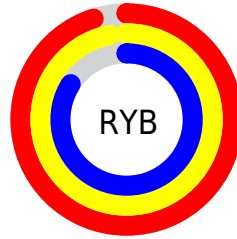
The Yxy color **83.0893, 0.3354, 0.3484** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.0936, 0.2911, 0.3088**, and the grayscale version is **83.4087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0239, 0.3404, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **75.9201, 0.3544, 0.3633**, and if you desaturate by 10%, it is **90.8425, 0.3185, 0.3341**.

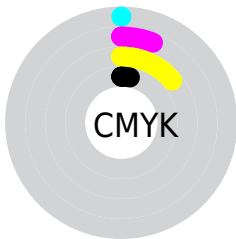
Distribution



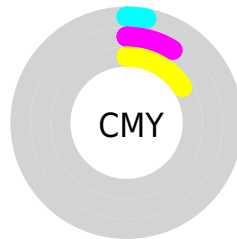
- Red (97%)
- Green (91%)
- Blue (84%)



- Red (95%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.0893, 0.3354, 0.3484 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 83.0893, 0.3354, 0.3484 by changing the saturation by 10% instead.

 83.0893, 0.3354,
0.3484

 83.0893, 0.3354,
0.3484


505.2841, 0.3251,
0.3397

 62.2638, 0.3377,
0.3503


137.7005, 0.3319,
0.3454

 45.2459, 0.3405,
0.3527


172.2551, 0.3305,
0.3442

 31.6512, 0.3440,
0.3556


212.1547, 0.3293,
0.3432

 21.0952, 0.3486,
0.3594

257.7840, 0.3283,
0.3423

 13.1936, 0.3546,
0.3644

309.5271, 0.3273,
0.3416

 7.5620, 0.3631,
0.3714

367.7686, 0.3265,

 3.8160, 0.3759,

0.3409

0.3817

432.8928, 0.3258,
0.3402

■ 1.5712, 0.3978,
0.3991

■ 0.3380, 0.5227,
0.4773

■ 83.0893, 0.3354,
0.3484

■ 83.0893, 0.3354,
0.3484

■ 75.9201, 0.3544,
0.3633

■ 90.8425, 0.3185,
0.3341

■ 69.3083, 0.3756,
0.3785

■ 98.6197, 0.3084,
0.3289

■ 63.2411, 0.3987,
0.3932

■ 98.7006, 0.3084,
0.3290

■ 57.7009, 0.4233,
0.4067

■ 52.6692, 0.4486,
0.4178

■ 48.1254, 0.4733,
0.4252

■ 44.0469, 0.4960,
0.4278

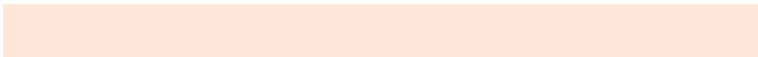
■ 40.4075, 0.5153,
0.4248

■ 38.3309, 0.5258,
0.4207

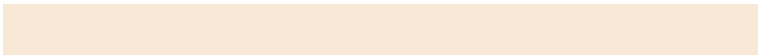
Harmonies

Analogous

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



83.0893, 0.3383, 0.3399



83.0893, 0.3354, 0.3484



83.0893, 0.3263, 0.3518

Triad

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



83.0893, 0.3354, 0.3484



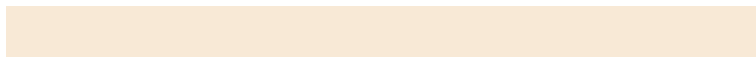
83.0893, 0.2916, 0.3285



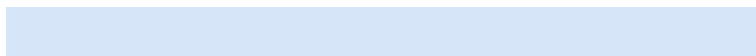
83.0893, 0.3113, 0.3102

Complementary

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



83.0893, 0.3354, 0.3484



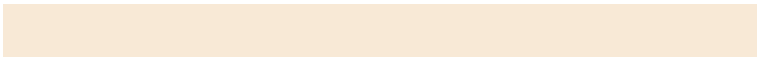
77.0936, 0.2911, 0.3088

Split Complementary

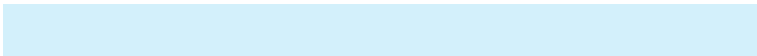
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0893, 0.2989, 0.3070



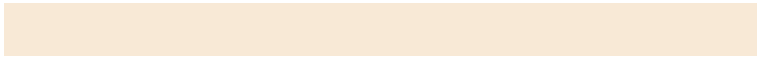
83.0893, 0.3354, 0.3484



83.0893, 0.2878, 0.3173

Square

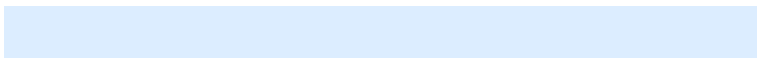
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0893, 0.3354, 0.3484



83.0893, 0.3011, 0.3402



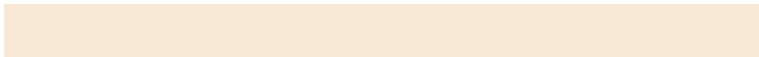
83.0893, 0.2904, 0.3095



83.0893, 0.3243, 0.3181

Rectangle

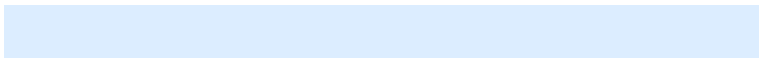
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0893, 0.3354, 0.3484



83.0893, 0.3181, 0.3505



83.0893, 0.2904, 0.3095



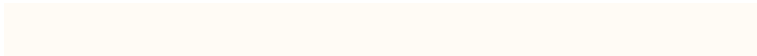
83.0893, 0.3069, 0.3086

Sweetspot

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



83.0930, 0.3354, 0.3484



96.5246, 0.3189, 0.3345



73.7048, 0.3272, 0.3134



20.5228, 0.3201, 0.3355



0.0000, 0.0000, 0.0000



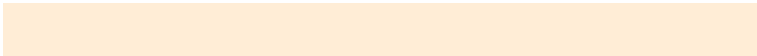
21.4041, 0.3127, 0.3290

Same Dimension

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



83.0930, 0.3354, 0.3484



86.7004, 0.3396, 0.3518



91.6521, 0.3322, 0.3632



18.8351, 0.3280, 0.3423



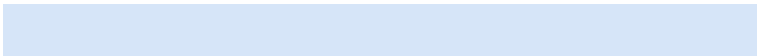
20.9866, 0.5236, 0.4224



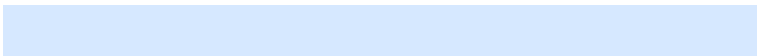
2.1550, 0.5077, 0.4350

Inverse Universe

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



77.0936, 0.2911, 0.3088



79.3656, 0.2874, 0.3051



69.3970, 0.2918, 0.2926



17.9024, 0.2979, 0.3154



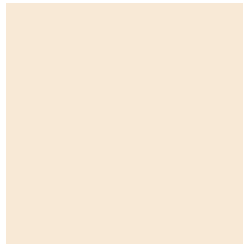
9.8777, 0.1718, 0.1384



1.1221, 0.1782, 0.1613

Previews

White Background



This preview shows how the Yxy color 83.0893, 0.3354, 0.3484 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 83.0893, 0.3354, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

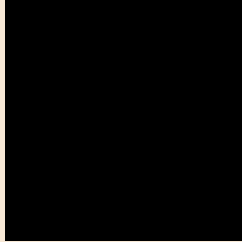
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

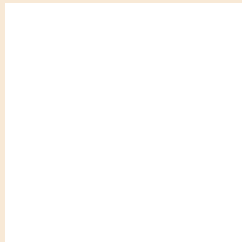
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.0893, 0.3354, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 83.0893, 0.3354, 0.3484.

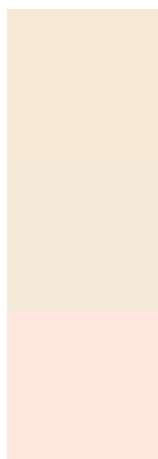


This preview shows how white text looks on a background with the Yxy color 83.0893, 0.3354, 0.3484.

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

83.0893, 0.3354, 0.3484

Protanopia

82.9850, 0.3317, 0.3485

Deuteranopia

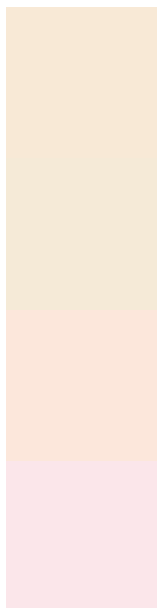
83.1276, 0.3354, 0.3370



Tritanopia

82.8361, 0.3177, 0.3113

Trichromacy



Original Color

83.0893, 0.3354, 0.3484

Protanomaly

83.1644, 0.3324, 0.3485

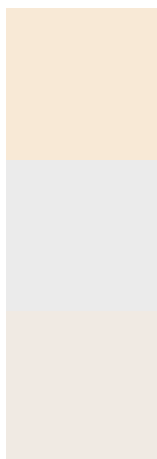
Deuteranomaly

82.9617, 0.3351, 0.3411

Tritanomaly

83.0434, 0.3246, 0.3251

Monochromacy



Original Color

83.0893, 0.3354, 0.3484

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.9170, 0.3212, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0893, 0.3354, 0.3484 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(248, 233, 214)` looks like.

```
.text, #text, p{  
    color:rgb(248, 233, 214)  
}
```

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(248, 233, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 233, 214) }
```

Border

The CSS property to change the border of an element to Yxy 83.0893, 0.3354, 0.3484 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(248, 233, 214) }
```

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

```
.border{ border-color:rgb(248, 233, 214) }
```

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

Here you see how a box with a 4 pixel rgb(248, 233, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 233, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 233, 214);  
box-shadow:4px 4px 4px 4px rgb(248, 233,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0893, 0.3354, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 233, 214) }
```

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

```
.background{ background-color: rgb(248,  
233, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor