

Converting Colors

$Yxy(83.2256, 0.3260, 0.3438)$

Have a look what the booklet for
Yxy(83.2256, 0.3260, 0.3438)
contains.

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Color

Yxy(83.2847, 0.3263, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	F1EBDC
RGB	241, 235, 220
RGB Percent	95%, 92%, 86%
CMY	0.0548, 0.0784, 0.1372
CMYK	0.00, 0.02, 0.09, 0.05
HSL	43°, 43%, 90%
HSV	43°, 9%, 95%
XYZ	78.9077, 83.2847, 79.6331
YIQ	235.0840, 8.3910, -3.3930

Conversions

Conversions Part 2

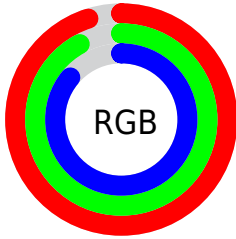
Format	Color
R _Y B	228, 241, 220
Decimal	15854556
CIE Lab	93.14, -0.50, 7.98
CIE LCh	93, 7.992, 93.584
Yxy	83.2847, 0.3263, 0.3444
Android (android.graphics.Color)	4294044636 (0xFFFF1EBDC)
YUV	235.0840, -7.4364, 5.1883
Hunter-Lab	91.2605, -5.3671, 12.1463

Details

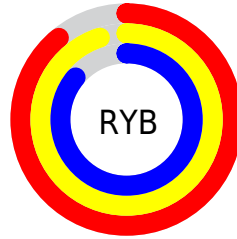
The Yxy color **83.2847, 0.3263, 0.3444** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.9785, 0.2992, 0.3131**, and the grayscale version is **83.2024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.2711, 0.3295, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **78.2238, 0.3433, 0.3628**, and if you desaturate by 10%, it is **88.6905, 0.3108, 0.3268**.

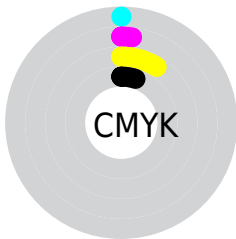
Distribution



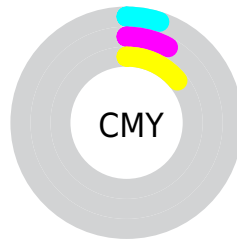
- Red (95%)
- Green (92%)
- Blue (86%)



- Red (89%)
- Yellow (95%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.2847, 0.3263, 0.3444 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 83.2847, 0.3263, 0.3444 by changing the saturation by 10% instead.

83.2847, 0.3263,
0.3444

83.2847, 0.3263,
0.3444

505.9349, 0.3202,
0.3374

62.4250, 0.3277,
0.3460

137.9741, 0.3242,
0.3420

45.3762, 0.3293,
0.3479

172.5727, 0.3234,
0.3411

31.7539, 0.3314,
0.3502

212.5197, 0.3227,
0.3403

21.1736, 0.3341,
0.3533

258.1995, 0.3220,
0.3396

13.2509, 0.3377,
0.3574

309.9965, 0.3215,
0.3389

7.6016, 0.3428,
0.3632

368.2952, 0.3210,

3.8411, 0.3504,

0.3384

0.3719

433.4798, 0.3206,
0.3379

■ 1.5851, 0.3630,
0.3865

■ 0.3475, 0.4779,
0.5221

■ 83.2847, 0.3263,
0.3444

■ 83.2847, 0.3263,
0.3444

■ 78.2238, 0.3433,
0.3628

■ 88.6905, 0.3108,
0.3268

■ 73.4874, 0.3615,
0.3817

■ 93.5588, 0.3042,
0.3229

■ 69.0689, 0.3809,
0.4003

■ 97.4441, 0.3042,
0.3290

■ 64.9575, 0.4008,
0.4179

■ 61.1413, 0.4205,
0.4334

■ 57.6076, 0.4392,
0.4458

■ 54.3418, 0.4560,
0.4540

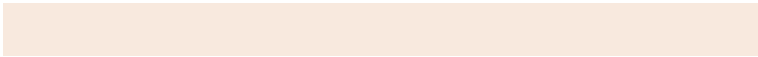
■ 51.3270, 0.4699,
0.4572

■ 48.5394, 0.4808,
0.4557

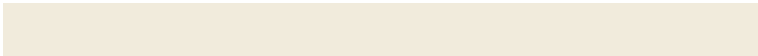
Harmonies

Analogous

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



83.2847, 0.3305, 0.3400



83.2847, 0.3263, 0.3444



83.2847, 0.3185, 0.3447

Triad

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



83.2847, 0.3263, 0.3444



83.2847, 0.2959, 0.3249



83.2847, 0.3161, 0.3178

Complementary

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



83.2847, 0.3263, 0.3444



75.9785, 0.2992, 0.3131

Split Complementary

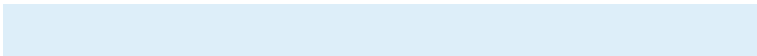
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2847, 0.3068, 0.3139



83.2847, 0.3263, 0.3444



83.2847, 0.2952, 0.3178

Square

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



83.2847, 0.3263, 0.3444



83.2847, 0.3009, 0.3333



83.2847, 0.2992, 0.3138



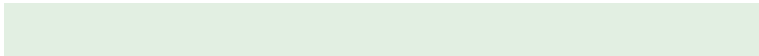
83.2847, 0.3246, 0.3247

Rectangle

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



83.2847, 0.3263, 0.3444



83.2847, 0.3123, 0.3424



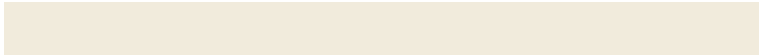
83.2847, 0.2992, 0.3138



83.2847, 0.3130, 0.3161

Sweetspot

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



83.2883, 0.3263, 0.3444



98.1265, 0.3173, 0.3342



75.4044, 0.3236, 0.3225



20.8972, 0.3185, 0.3357



0.0000, 0.0000, 0.0000



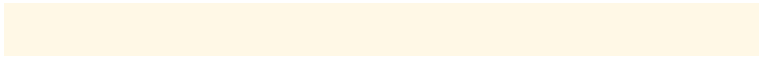
21.4041, 0.3127, 0.3290

Same Dimension

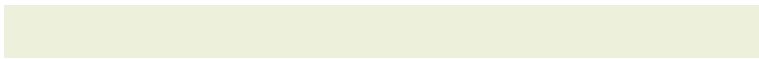
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2883, 0.3263, 0.3444



93.8917, 0.3284, 0.3468



86.0627, 0.3228, 0.3506



17.6491, 0.3275, 0.3458



26.3719, 0.4809, 0.4564



2.3630, 0.4709, 0.4643

Inverse Universe

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



75.9785, 0.2992, 0.3131



84.4167, 0.2971, 0.3106



73.4253, 0.3021, 0.3068



15.9664, 0.2980, 0.3117



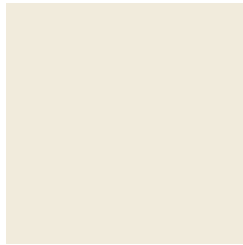
5.9544, 0.1602, 0.0967



0.6593, 0.1673, 0.1222

Previews

White Background



This preview shows how the Yxy color 83.2847, 0.3263, 0.3444 looks on a white background.

Color Contrast Check

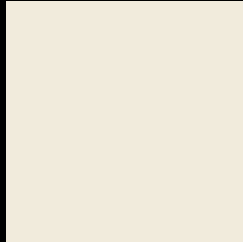
Large Text (above 18pt) WCAG AA × Fail

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 83.2847, 0.3263, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

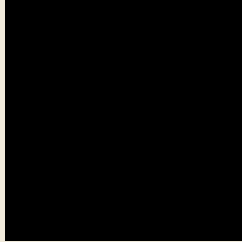
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.2847, 0.3263, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 83.2847, 0.3263, 0.3444.

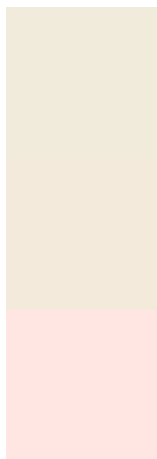


This preview shows how white text looks on a background with the Yxy color 83.2847, 0.3263, 0.3444.

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

83.2847, 0.3263, 0.3444

Protanopia

83.0676, 0.3278, 0.3433

Deuteranopia

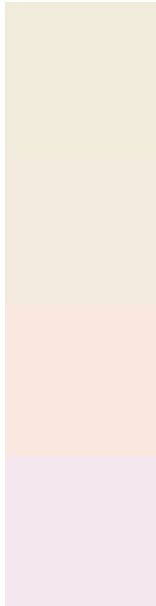
83.3446, 0.3327, 0.3330



Tritanopia

83.4039, 0.3109, 0.3111

Trichromacy



Original Color

83.2847, 0.3263, 0.3444

Protanomaly

82.8902, 0.3271, 0.3434

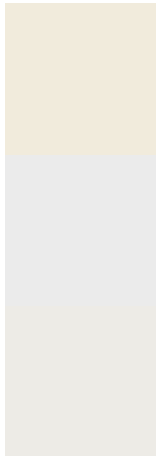
Deuteranomaly

83.4190, 0.3303, 0.3371

Tritanomaly

83.1194, 0.3171, 0.3230

Monochromacy



Original Color

83.2847, 0.3263, 0.3444

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.1344, 0.3172, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.2847, 0.3263, 0.3444 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(241, 235, 220)` looks like.

```
.text, #text, p{  
    color:rgb(241, 235, 220)  
}
```

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(241, 235, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 235, 220) }
```

Border

The CSS property to change the border of an element to Yxy 83.2847, 0.3263, 0.3444 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(241, 235, 220) }
```

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

```
.border{ border-color:rgb(241, 235, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 235, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 235, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 235, 220);  
box-shadow:4px 4px 4px 4px rgb(241, 235,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 83.2847, 0.3263, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 235, 220) }
```

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

```
.background{ background-color: rgb(241,  
235, 220) }
```

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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