

Converting Colors

$Yxy(83.1137, 0.3286, 0.3504)$

Have a look what the booklet for
Yxy(83.1137, 0.3286, 0.3504)
contains.

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Color

Yxy(83.4225, 0.3287, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	F0ECD7
RGB	240, 236, 215
RGB Percent	94%, 93%, 84%
CMY	0.0589, 0.0745, 0.1569
CMYK	0.00, 0.02, 0.10, 0.06
HSL	50°, 45%, 89%
HSV	50°, 10%, 94%
XYZ	78.1893, 83.4225, 76.2625
YIQ	234.8020, 9.1250, -5.6830

Conversions

Conversions Part 2

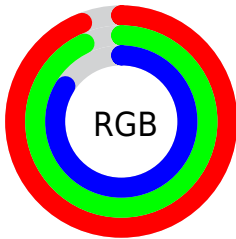
Format	Color
R _Y B	220, 240, 215
Decimal	15789271
CIE Lab	93.20, -2.19, 10.66
CIE LCh	93, 10.882, 101.607
Yxy	83.4225, 0.3287, 0.3507
Android (android.graphics.Color)	4293979351 (0xFFFF0ECD7)
YUV	234.8020, -9.7624, 4.5586
Hunter-Lab	91.3359, -7.0307, 14.4299

Details

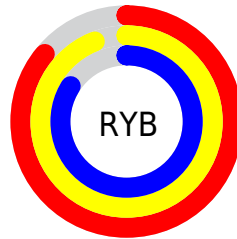
The Yxy color $83.4225, 0.3287, 0.3507$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $71.3738, 0.2964, 0.3063$, and the grayscale version is $82.9893, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $45.3709, 0.3326, 0.3556$ is the 20% darker color. If you saturate the color by 10%, you get $80.1127, 0.3450, 0.3723$, and if you desaturate by 10%, it is $86.9673, 0.3133, 0.3298$.

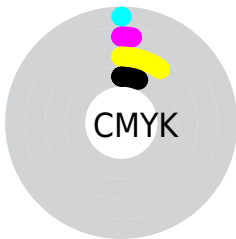
Distribution



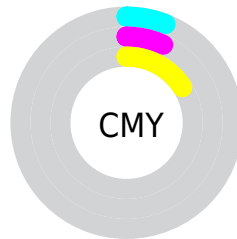
- Red (94%)
- Green (93%)
- Blue (84%)



- Red (86%)
- Yellow (94%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.4225, 0.3287, 0.3507 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 83.4225, 0.3287, 0.3507 by changing the saturation by 10% instead.

83.4225, 0.3287,
0.3507

83.4225, 0.3287,
0.3507

506.3935, 0.3215,
0.3409

62.5388, 0.3303,
0.3529

138.1671, 0.3262,
0.3473

45.4682, 0.3323,
0.3556

172.7966, 0.3253,
0.3460

31.8263, 0.3347,
0.3590

212.7770, 0.3244,
0.3449

21.2289, 0.3378,
0.3634

258.4924, 0.3237,
0.3439

13.2914, 0.3420,
0.3692

310.3274, 0.3231,
0.3430

7.6295, 0.3478,
0.3775

368.6664, 0.3225,

3.8588, 0.3564,

0.3422

0.3899

433.8936, 0.3220,
0.3415

■ 1.5949, 0.3708,
0.4112

■ 0.3542, 0.4443,
0.5557

■ 83.4225, 0.3287,
0.3507

■ 83.4225, 0.3287,
0.3507

■ 80.1127, 0.3450,
0.3723

■ 86.9673, 0.3133,
0.3298

■ 77.0187, 0.3620,
0.3940

■ 90.2188, 0.3037,
0.3178

■ 74.1356, 0.3791,
0.4152

■ 92.5288, 0.3036,
0.3215

■ 71.4540, 0.3959,
0.4348

■ 94.8863, 0.3036,
0.3253

■ 68.9634, 0.4116,
0.4519

■ 97.2614, 0.3035,
0.3290

■ 66.6525, 0.4254,
0.4655

■ 64.5081, 0.4367,
0.4748

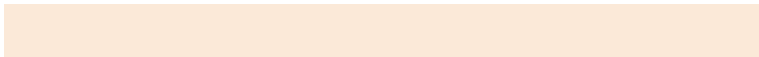
■ 62.5147, 0.4452,
0.4795

■ 60.7208, 0.4509,
0.4801

Harmonies

Analogous

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



83.4225, 0.3360, 0.3459



83.4225, 0.3287, 0.3507



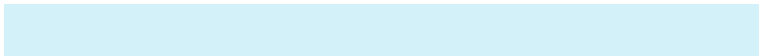
83.4225, 0.3171, 0.3495

Triad

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



83.4225, 0.3287, 0.3507



83.4225, 0.2890, 0.3204



83.4225, 0.3206, 0.3161

Complementary

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



83.4225, 0.3287, 0.3507



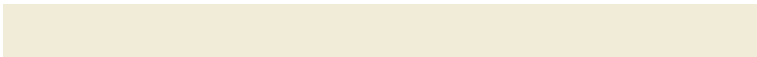
71.3738, 0.2964, 0.3063

Split Complementary

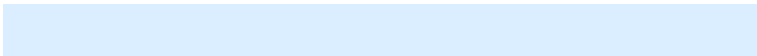
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4225, 0.3079, 0.3095



83.4225, 0.3287, 0.3507



83.4225, 0.2899, 0.3117

Square

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



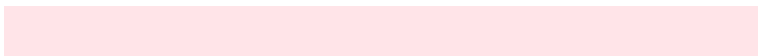
83.4225, 0.3287, 0.3507



83.4225, 0.2943, 0.3317



83.4225, 0.2967, 0.3079



83.4225, 0.3313, 0.3260

Rectangle

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



83.4225, 0.3287, 0.3507



83.4225, 0.3087, 0.3454



83.4225, 0.2967, 0.3079



83.4225, 0.3164, 0.3134

Sweetspot

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



83.4262, 0.3287, 0.3507



98.7452, 0.3172, 0.3352



72.2393, 0.3282, 0.3247



21.0646, 0.3184, 0.3368



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.



83.4262, 0.3287, 0.3507



95.1256, 0.3313, 0.3542



84.3100, 0.3226, 0.3551



18.0070, 0.3272, 0.3487



33.4097, 0.4504, 0.4806



2.8928, 0.4456, 0.4844

Inverse Universe

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



71.3738, 0.2964, 0.3063



79.3106, 0.2937, 0.3025



70.6239, 0.3021, 0.3024



15.6336, 0.2980, 0.3085



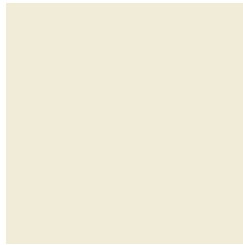
4.3287, 0.1538, 0.0735



0.4797, 0.1595, 0.0941

Previews

White Background



This preview shows how the Yxy color 83.4225, 0.3287, 0.3507 looks on a white background.

Color Contrast Check

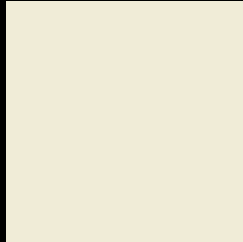
Large Text (above 18pt) WCAG AA × Fail

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 83.4225, 0.3287, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

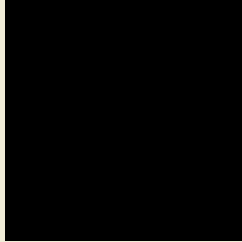
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

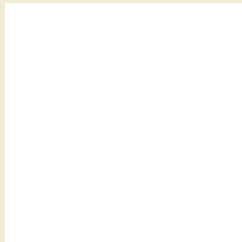
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.4225, 0.3287, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 83.4225, 0.3287, 0.3507.

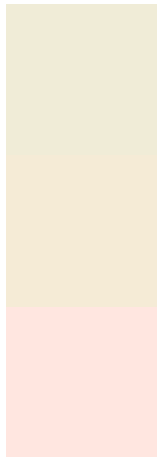


This preview shows how white text looks on a background with the Yxy color 83.4225, 0.3287, 0.3507.

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

83.4225, 0.3287, 0.3507

Protanopia

83.6842, 0.3330, 0.3505

Deuteranopia

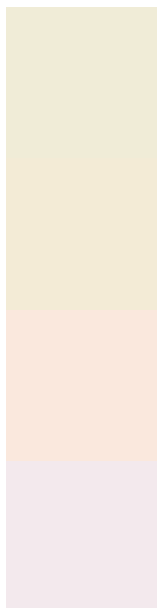
83.2354, 0.3341, 0.3350



Tritanopia

83.4039, 0.3109, 0.3111

Trichromacy



Original Color

83.4225, 0.3287, 0.3507

Protanomaly

83.3264, 0.3316, 0.3506

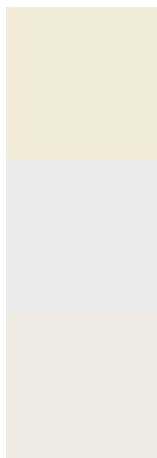
Deuteranomaly

83.2577, 0.3323, 0.3401

Tritanomaly

83.4469, 0.3170, 0.3250

Monochromacy



Original Color

83.4225, 0.3287, 0.3507

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.0226, 0.3184, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.4225, 0.3287, 0.3507 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(240, 236, 215)` looks like.

```
.text, #text, p{  
    color:rgb(240, 236, 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(240, 236, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 236, 215) }
```

Border

The CSS property to change the border of an element to Yxy 83.4225, 0.3287, 0.3507 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(240, 236, 215) }
```

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

```
.border{ border-color:rgb(240, 236, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 236, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 236, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 236, 215);  
box-shadow:4px 4px 4px 4px rgb(240, 236,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 83.4225, 0.3287, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 236, 215) }
```

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

```
.background{ background-color: rgb(240,  
236, 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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