

Converting Colors

Yxy(83.6344, 0.3281, 0.3519)

Have a look what the booklet for
Yxy(83.6344, 0.3281, 0.3519)
contains.

Yxy(83.8254, 0.3279, 0.3517)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(83.8254, 0.3279, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	EFEDD7
RGB	239, 237, 215
RGB Percent	94%, 93%, 84%
CMY	0.0627, 0.0706, 0.1568
CMYK	0.00, 0.01, 0.10, 0.06
HSL	55°, 43%, 89%
HSV	55°, 10%, 94%
XYZ	78.1528, 83.8254, 76.3652
YIQ	235.0900, 8.2540, -6.4180

Conversions

Conversions Part 2

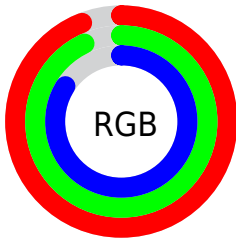
Format	Color
R _Y B	217, 239, 215
Decimal	15723991
CIE Lab	93.37, -3.02, 10.88
CIE LCh	93, 11.293, 105.504
Yxy	83.8254, 0.3279, 0.3517
Android (android.graphics.Color)	4293914071 (0xFFEFEDD7)
YUV	235.0900, -9.9044, 3.4291
Hunter-Lab	91.5562, -7.8549, 14.6367

Details

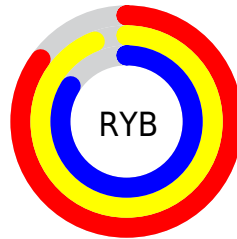
The Yxy color **83.8254, 0.3279, 0.3517** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **70.3307, 0.2970, 0.3052**, and the grayscale version is **83.2270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.6531, 0.3315, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **81.5308, 0.3437, 0.3750**, and if you desaturate by 10%, it is **86.3199, 0.3128, 0.3291**.

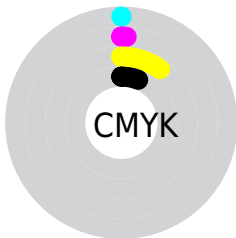
Distribution



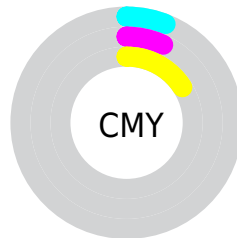
- Red (94%)
- Green (93%)
- Blue (84%)



- Red (85%)
- Yellow (94%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.8254, 0.3279, 0.3517 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 83.8254, 0.3279, 0.3517 by changing the saturation by 10% instead.

83.8254, 0.3279,
0.3517

83.8254, 0.3279,
0.3517

507.7333, 0.3211,
0.3414

62.8713, 0.3294,
0.3540

138.7309, 0.3256,
0.3482

45.7371, 0.3313,
0.3568

173.4511, 0.3247,
0.3468

32.0384, 0.3336,
0.3604

213.5288, 0.3239,
0.3456

21.3908, 0.3365,
0.3650

259.3483, 0.3232,
0.3445

13.4100, 0.3404,
0.3711

311.2942, 0.3226,
0.3436

7.7115, 0.3458,
0.3798

369.7507, 0.3220,

3.9109, 0.3538,

0.3428

0.3929

435.1022, 0.3215,
0.3421

■ 1.6238, 0.3671,
0.4152

■ 0.3736, 0.4296,
0.5704

■ 83.8254, 0.3279,
0.3517

■ 83.8254, 0.3279,
0.3517

■ 81.5308, 0.3437,
0.3750

■ 86.3199, 0.3128,
0.3291

■ 79.4173, 0.3598,
0.3984

■ 88.4962, 0.3031,
0.3151

■ 77.4802, 0.3757,
0.4210

■ 89.6932, 0.3031,
0.3172


■ 75.7105, 0.3908,
0.4419


■ 90.9034, 0.3031,
0.3192


 74.0983, 0.4045,
0.4601


 92.1268, 0.3030,
0.3212


 72.6324, 0.4160,
0.4746


 93.3635, 0.3030,
0.3231

 71.3003, 0.4251,
0.4849

 94.6135, 0.3030,
0.3251

 70.0869, 0.4313,
0.4907

 95.8768, 0.3030,
0.3271

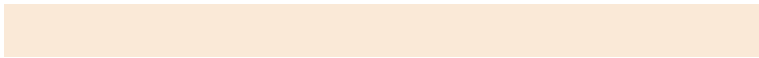
 68.9710, 0.4351,
0.4927

 97.0937, 0.3029,
0.3290

Harmonies

Analogous

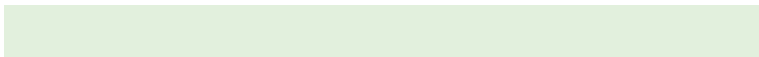
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.8254, 0.3362, 0.3475



83.8254, 0.3279, 0.3517



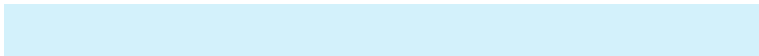
83.8254, 0.3156, 0.3497

Triad

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



83.8254, 0.3279, 0.3517



83.8254, 0.2879, 0.3187



83.8254, 0.3225, 0.3168

Complementary

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



83.8254, 0.3279, 0.3517



70.3307, 0.2970, 0.3052

Split Complementary

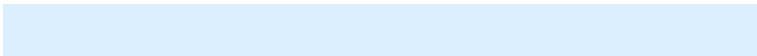
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.8254, 0.3094, 0.3094



83.8254, 0.3279, 0.3517



83.8254, 0.2896, 0.3103

Square

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



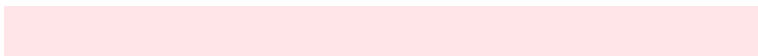
83.8254, 0.3279, 0.3517



83.8254, 0.2926, 0.3302



83.8254, 0.2974, 0.3070



83.8254, 0.3331, 0.3273

Rectangle

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



83.8254, 0.3279, 0.3517



83.8254, 0.3068, 0.3449



83.8254, 0.2974, 0.3070



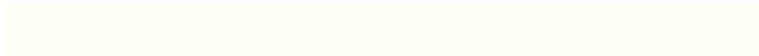
83.8254, 0.3183, 0.3139

Sweetspot

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



83.8291, 0.3279, 0.3517



99.1072, 0.3172, 0.3357



71.9982, 0.3287, 0.3265



21.1627, 0.3184, 0.3375



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.



83.8291, 0.3279, 0.3517



96.5523, 0.3310, 0.3563



83.3778, 0.3211, 0.3542



18.2182, 0.3270, 0.3504



38.2041, 0.4349, 0.4929



3.2447, 0.4326, 0.4947

Inverse Universe

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



70.3307, 0.2970, 0.3052



78.0552, 0.2937, 0.3001



70.7924, 0.3037, 0.3035



15.4423, 0.2979, 0.3067



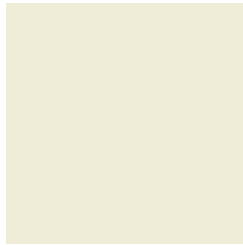
3.7983, 0.1515, 0.0655



0.3889, 0.1552, 0.0786

Previews

White Background



This preview shows how the Yxy color 83.8254, 0.3279, 0.3517 looks on a white background.

Color Contrast Check

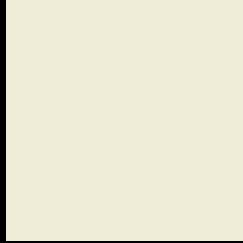
Large Text (above 18pt) WCAG AA × Fail

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 83.8254, 0.3279, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

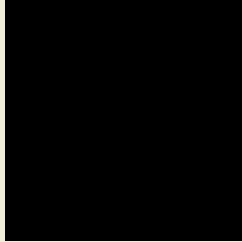
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

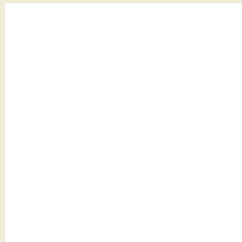
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.8254, 0.3279, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 83.8254, 0.3279, 0.3517.

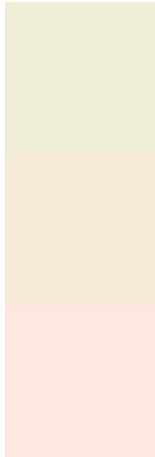


This preview shows how white text looks on a background with the Yxy color 83.8254, 0.3279, 0.3517.

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

83.8254, 0.3279, 0.3517

Protanopia

83.6842, 0.3330, 0.3505

Deuteranopia

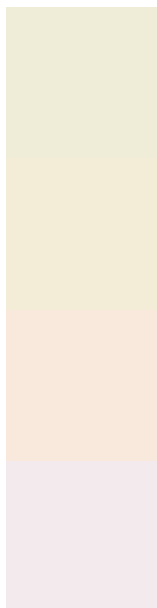
83.7936, 0.3339, 0.3360



Tritanopia

83.8484, 0.3095, 0.3111

Trichromacy



Original Color

83.8254, 0.3279, 0.3517

Protanomaly

83.9006, 0.3314, 0.3516

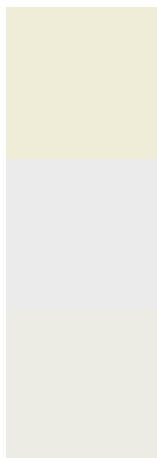
Deuteranomaly

83.6380, 0.3314, 0.3412

Tritanomaly

83.8373, 0.3162, 0.3260

Monochromacy



Original Color

83.8254, 0.3279, 0.3517

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.4252, 0.3177, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.8254, 0.3279, 0.3517 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(239, 237, 215)` looks like.

```
.text, #text, p{  
    color:rgb(239, 237, 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(239, 237, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 237, 215) }
```

Border

The CSS property to change the border of an element to Yxy 83.8254, 0.3279, 0.3517 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(239, 237, 215) }
```

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

```
.border{ border-color:rgb(239, 237, 215) }
```

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

Here you see how a box with a 4 pixel rgb(239, 237, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 237, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 237, 215);  
box-shadow:4px 4px 4px 4px rgb(239, 237,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 83.8254, 0.3279, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 237, 215) }
```

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

```
.background{ background-color: rgb(239,  
237, 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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