

Converting Colors

$Yxy(83.2946, 0.3424, 0.3737)$

Have a look what the booklet for
Yxy(83.2946, 0.3424, 0.3737)
contains.

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Color

Yxy(83.1642, 0.3429, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	F1EDC2
RGB	241, 237, 194
RGB Percent	95%, 93%, 76%
CMY	0.0547, 0.0706, 0.2392
CMYK	0.00, 0.02, 0.20, 0.05
HSL	55°, 63%, 85%
HSV	55°, 20%, 95%
XYZ	76.3099, 83.1642, 63.0686
YIQ	233.2940, 16.1870, -12.5250

Conversions

Conversions Part 2

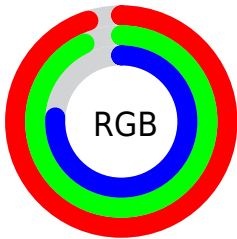
Format	Color
R _Y B	198, 241, 194
Decimal	15855042
CIE Lab	93.09, -5.49, 21.36
CIE LCh	93, 22.056, 104.406
Yxy	83.1642, 0.3429, 0.3737
Android (android.graphics.Color)	4294045122 (0xFFF1EDC2)
YUV	233.2940, -19.3719, 6.7582
Hunter-Lab	91.1944, -10.2245, 22.8321

Details

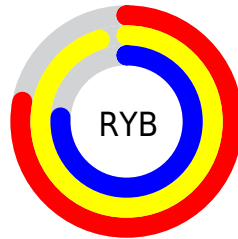
The Yxy color $83.1642, 0.3429, 0.3737$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $58.2389, 0.2805, 0.2800$, and the grayscale version is $81.8651, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.7450, 0.3150, 0.3328$, and $45.2555, 0.3500, 0.3839$ is the 20% darker color. If you saturate the color by 10%, you get $80.9739, 0.3590, 0.3970$, and if you desaturate by 10%, it is $85.5515, 0.3271, 0.3505$.

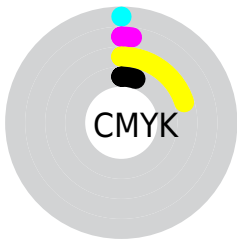
Distribution



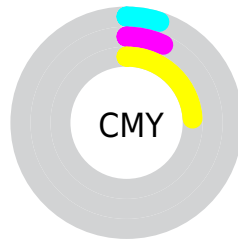
- Red (95%)
- Green (93%)
- Blue (76%)



- Red (78%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.1642, 0.3429, 0.3737 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 83.1642, 0.3429, 0.3737 by changing the saturation by 10% instead.


 83.1642, 0.3429,
0.3737

 83.1642, 0.3429,
0.3737

505.5336, 0.3294,
0.3533

 62.3256, 0.3459,
0.3783


 137.8054, 0.3383,
0.3667

 45.2959, 0.3494,
0.3839


172.3768, 0.3365,
0.3640

 31.6905, 0.3539,
0.3909

212.2947, 0.3349,
0.3616

 21.1252, 0.3595,
0.3999

257.9433, 0.3336,
0.3595

 13.2156, 0.3667,
0.4119

309.7071, 0.3323,
0.3577

 7.5772, 0.3765,
0.4286

367.9705, 0.3313,

 3.8256, 0.3898,

0.3561

0.4530

433.1178, 0.3303,
0.3546

■ 1.5765, 0.4410,
0.5307

■ 0.3417, 0.3583,
0.6417

■ 83.1642, 0.3429,
0.3737

■ 83.1642, 0.3429,
0.3737

■ 80.9739, 0.3590,
0.3970

■ 85.5515, 0.3271,
0.3505

■ 78.9611, 0.3750,
0.4197


■ 88.1327, 0.3120,
0.3279


■ 77.1202, 0.3902,
0.4407


■ 90.1685, 0.3044,
0.3174

■ 75.4411, 0.4040,
0.4590


■ 91.4219, 0.3043,
0.3195


 73.9127, 0.4158,
0.4738


 92.6894, 0.3043,
0.3215

 72.5222, 0.4250,
0.4843

 93.9712, 0.3043,
0.3236


 71.2542, 0.4314,
0.4902

 95.2672, 0.3042,
0.3256

 70.0846, 0.4354,
0.4923

 96.5774, 0.3042,
0.3276

 70.0294, 0.4356,
0.4924

 97.4496, 0.3042,
0.3290

Harmonies

Analogous

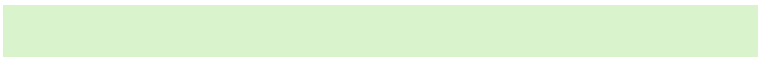
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1642, 0.3593, 0.3641



83.1642, 0.3429, 0.3737



83.1642, 0.3188, 0.3707

Triad

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



83.1642, 0.3429, 0.3737



83.1642, 0.2650, 0.3089



83.1642, 0.3308, 0.3049

Complementary

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



83.1642, 0.3429, 0.3737



58.2389, 0.2805, 0.2800

Split Complementary

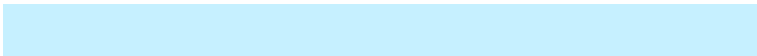
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1642, 0.3050, 0.2913



83.1642, 0.3429, 0.3737



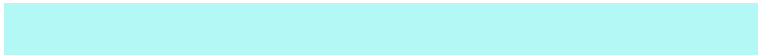
83.1642, 0.2678, 0.2927

Square

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



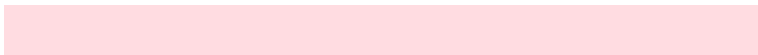
83.1642, 0.3429, 0.3737



83.1642, 0.2743, 0.3318



83.1642, 0.2822, 0.2867



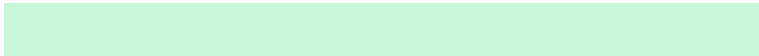
83.1642, 0.3523, 0.3244

Rectangle

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



83.1642, 0.3429, 0.3737



83.1642, 0.3018, 0.3615



83.1642, 0.2822, 0.2867



83.1642, 0.3223, 0.2995

Sweetspot

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



83.1679, 0.3429, 0.3737



98.2141, 0.3217, 0.3425



61.4034, 0.3475, 0.3240



20.9813, 0.3227, 0.3440



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.



83.1679, 0.3429, 0.3737



93.5954, 0.3486, 0.3820



82.4014, 0.3291, 0.3798



18.2121, 0.3270, 0.3504



38.0578, 0.4353, 0.4926



3.2341, 0.4329, 0.4944

Inverse Universe

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



58.2389, 0.2805, 0.2800



60.9674, 0.2739, 0.2698



59.0571, 0.2938, 0.2773



15.4479, 0.2979, 0.3067



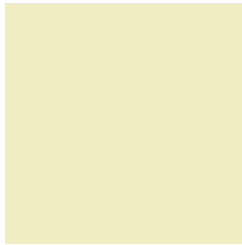
3.8098, 0.1516, 0.0657



0.3916, 0.1553, 0.0791

Previews

White Background



This preview shows how the Yxy color 83.1642, 0.3429, 0.3737 looks on a white background.

Color Contrast Check

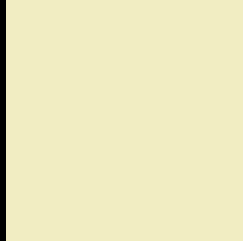
Large Text (above 18pt) WCAG AA × Fail

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 83.1642, 0.3429, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

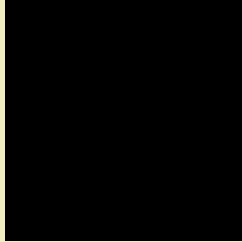
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.1642, 0.3429, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 83.1642, 0.3429, 0.3737.



This preview shows how white text looks on a background with the Yxy color 83.1642, 0.3429, 0.3737.

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

83.1642, 0.3429, 0.3737

Protanopia

83.4067, 0.3497, 0.3720

Deuteranopia

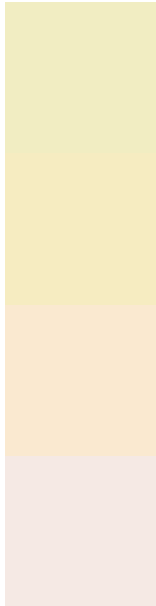
82.8115, 0.3394, 0.3431



Tritanopia

83.3274, 0.3136, 0.3112

Trichromacy



Original Color

83.1642, 0.3429, 0.3737

Protanomaly

83.4340, 0.3473, 0.3733

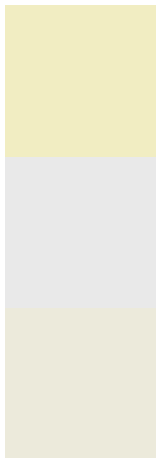
Deuteranomaly

83.1559, 0.3408, 0.3544

Tritanomaly

83.2917, 0.3241, 0.3341

Monochromacy



Original Color

83.1642, 0.3429, 0.3737

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.7930, 0.3236, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.1642, 0.3429, 0.3737 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, 237, 194)` looks like.

```
.text, #text, p{  
    color:rgb(241, 237, 194)  
}
```

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, 237, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 237, 194) }
```

Border

The CSS property to change the border of an element to Yxy 83.1642, 0.3429, 0.3737 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, 237, 194) }
```

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

```
.border{ border-color:rgb(241, 237, 194) }
```

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

Here you see how a box with a 4 pixel rgb(241, 237, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 237, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 237, 194);  
box-shadow:4px 4px 4px 4px rgb(241, 237,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 83.1642, 0.3429, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 237, 194) }
```

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

```
.background{ background-color: rgb(241,  
237, 194) }
```

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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