

Converting Colors

$Yxy(85.4829, 0.3364, 0.3557)$

Have a look what the booklet for
Yxy(85.4829, 0.3364, 0.3557)
contains.

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Color

Yxy(85.2280, 0.3367, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	F8EDD3
RGB	248, 237, 211
RGB Percent	97%, 93%, 83%
CMY	0.0276, 0.0705, 0.1725
CMYK	0.00, 0.04, 0.15, 0.03
HSL	42°, 72%, 90%
HSV	42°, 15%, 97%
XYZ	80.7436, 85.2280, 73.8371
YIQ	237.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

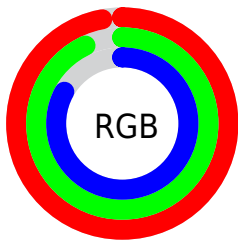
Format	Color
RYB	227, 248, 211
Decimal	16313811
CIELab	93.98, -0.51, 13.91
CIElCh	94, 13.920, 92.115
Yxy	85.2280, 0.3367, 0.3554
Android (android.graphics.Color)	4294503891 (0xFFF8EDD3)
YUV	237.3250, -12.9782, 9.3620
Hunter-Lab	92.3190, -5.4395, 17.2029

Details

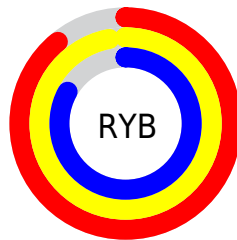
The Yxy color **85.2280, 0.3367, 0.3554** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.8480, 0.2890, 0.3011**, and the grayscale version is **85.0441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5244, 0.3421, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **79.9167, 0.3546, 0.3739**, and if you desaturate by 10%, it is **90.9128, 0.3202, 0.3375**.

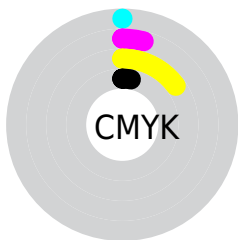
Distribution



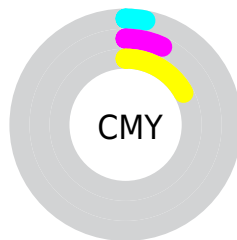
- Red (97%)
- Green (93%)
- Blue (83%)



- Red (89%)
- Yellow (97%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2280, 0.3367, 0.3554 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 85.2280, 0.3367, 0.3554 by changing the saturation by 10% instead.


 85.2280, 0.3367,
0.3554

 85.2280, 0.3367,
0.3554


512.3822, 0.3259,
0.3435

 64.0298, 0.3391,
0.3580


140.6917, 0.3330,
0.3513

 46.6748, 0.3420,
0.3613


175.7259, 0.3316,
0.3497

 32.7786, 0.3456,
0.3653


216.1410, 0.3303,
0.3484

 21.9569, 0.3503,
0.3704

262.3213, 0.3292,
0.3471

 13.8253, 0.3564,
0.3773

314.6511, 0.3282,
0.3461

 7.9992, 0.3650,
0.3867

373.5150, 0.3274,

 4.0945, 0.3774,

0.3451

0.4007

439.2972, 0.3266,
0.3443

■ 1.7265, 0.3993,
0.4252

■ 0.4408, 0.4797,
0.5203

■ 85.2280, 0.3367,
0.3554

■ 85.2280, 0.3367,
0.3554

■ 79.9167, 0.3546,
0.3739

■ 90.9128, 0.3202,
0.3375

■ 74.9567, 0.3738,
0.3925

■ 96.6032, 0.3085,
0.3258

■ 70.3403, 0.3938,
0.4104

■ 98.6883, 0.3084,
0.3290

■ 66.0551, 0.4140,
0.4267

■ 62.0876, 0.4336,
0.4403

■ 58.4226, 0.4516,
0.4500

■ 55.0430, 0.4671,
0.4549

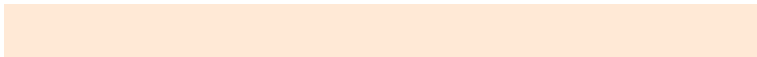
■ 51.9281, 0.4794,
0.4548

■ 50.4254, 0.4848,
0.4533

Harmonies

Analogous

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



85.2280, 0.3437, 0.3472



85.2280, 0.3367, 0.3554



85.2280, 0.3233, 0.3565

Triad

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



85.2280, 0.3367, 0.3554



85.2280, 0.2840, 0.3223



85.2280, 0.3176, 0.3095

Complementary

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



85.2280, 0.3367, 0.3554



72.8480, 0.2890, 0.3011

Split Complementary

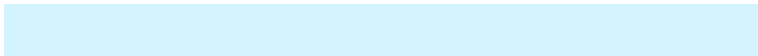
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2280, 0.3017, 0.3030



85.2280, 0.3367, 0.3554



85.2280, 0.2826, 0.3099

Square

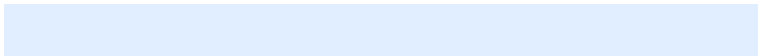
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2280, 0.3367, 0.3554



85.2280, 0.2930, 0.3370



85.2280, 0.2890, 0.3030



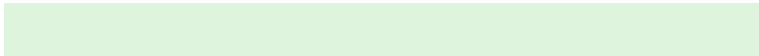
85.2280, 0.3326, 0.3209

Rectangle

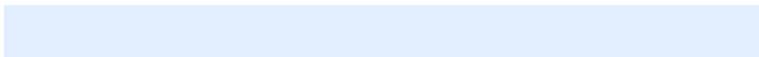
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.2280, 0.3367, 0.3554



85.2280, 0.3126, 0.3529



85.2280, 0.2890, 0.3030



85.2280, 0.3122, 0.3067

Sweetspot

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



85.2318, 0.3367, 0.3554



97.4483, 0.3188, 0.3359



71.8278, 0.3326, 0.3177



20.7568, 0.3200, 0.3372



0.0000, 0.0000, 0.0000



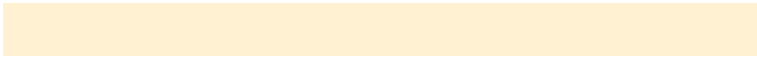
21.4041, 0.3127, 0.3290

Same Dimension

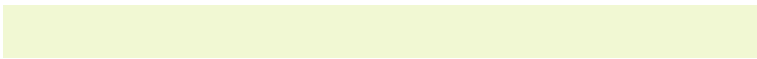
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2318, 0.3367, 0.3554



89.0208, 0.3422, 0.3612



90.4365, 0.3301, 0.3666



19.2718, 0.3276, 0.3456



27.5067, 0.4835, 0.4543



2.7318, 0.4740, 0.4619

Inverse Universe

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



72.8480, 0.2890, 0.3011



73.4009, 0.2837, 0.2946



68.3433, 0.2936, 0.2897



17.4806, 0.2979, 0.3118



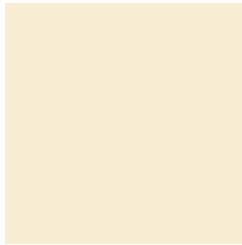
6.4777, 0.1607, 0.0986



0.7757, 0.1671, 0.1216

Previews

White Background



This preview shows how the Yxy color 85.2280, 0.3367, 0.3554 looks on a white background.

Color Contrast Check

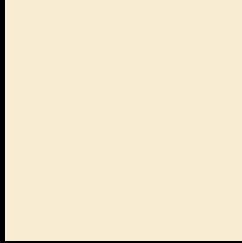
Large Text (above 18pt) WCAG AA × Fail

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 85.2280, 0.3367, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

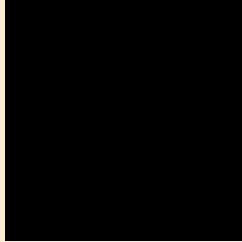
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.2280, 0.3367, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 85.2280, 0.3367, 0.3554.

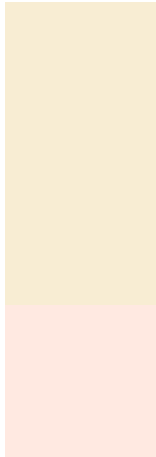


This preview shows how white text looks on a background with the Yxy color 85.2280, 0.3367, 0.3554.

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

85.2280, 0.3367, 0.3554

Protanopia

85.2280, 0.3367, 0.3554

Deuteranopia

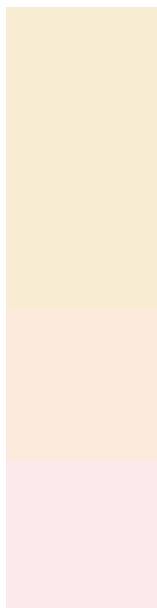
84.9741, 0.3330, 0.3370



Tritanopia

84.9366, 0.3156, 0.3105

Trichromacy



Original Color

85.2280, 0.3367, 0.3554

Protanomaly

85.2280, 0.3367, 0.3554

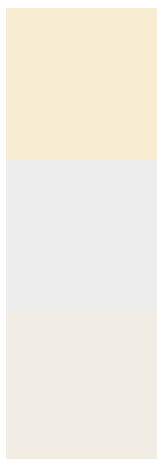
Deuteranomaly

84.7084, 0.3341, 0.3431

Tritanomaly

84.8432, 0.3231, 0.3261

Monochromacy



Original Color

85.2280, 0.3367, 0.3554

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.8706, 0.3210, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2280, 0.3367, 0.3554 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, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 237, 211)  
}
```

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, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 237, 211) }
```

Border

The CSS property to change the border of an element to Yxy 85.2280, 0.3367, 0.3554 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, 237, 211) }
```

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

```
.border{ border-color:rgb(248, 237, 211) }
```

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

Here you see how a box with a 4 pixel rgb(248, 237, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 237,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2280, 0.3367, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 237, 211) }
```

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

```
.background{ background-color: rgb(248,  
237, 211) }
```

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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