

Converting Colors

$Yxy(85.6593, 0.3532, 0.3906)$

Have a look what the booklet for
Yxy(85.6593, 0.3532, 0.3906)
contains.

Yxy(85.6593, 0.3532, 0.3906)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(85.6593, 0.3532, 0.3906)

Conversions

Conversions Part 1

Format	Color
Hex	F5F1B5
RGB	245, 241, 181
RGB Percent	96%, 95%, 71%
CMY	0.0392, 0.0549, 0.2901
CMYK	0.00, 0.02, 0.26, 0.04
HSL	56°, 76%, 84%
HSV	56°, 26%, 96%
XYZ	77.4574, 85.6593, 56.1851
YIQ	235.3560, 21.6440, -17.8120

Conversions

Conversions Part 2

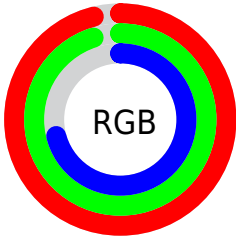
Format	Color
RYB	185, 245, 181
Decimal	16118197
CIELab	94.17, -7.83, 29.53
CIElCh	94, 30.545, 104.845
Yxy	85.6593, 0.3532, 0.3906
Android (android.graphics.Color)	4294308277 (0xFFFF5F1B5)
YUV	235.3560, -26.7975, 8.4578
Hunter-Lab	92.5523, -12.5792, 28.7938

Details

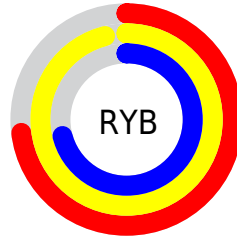
The Yxy color **85.6593, 0.3532, 0.3906** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.1380, 0.2678, 0.2589**, and the grayscale version is **83.5643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **46.9478, 0.3613, 0.4040** is the 20% darker color. If you saturate the color by 10%, you get **83.8385, 0.3690, 0.4141**, and if you desaturate by 10%, it is **87.6723, 0.3373, 0.3667**.

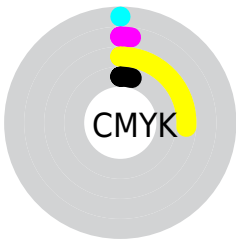
Distribution



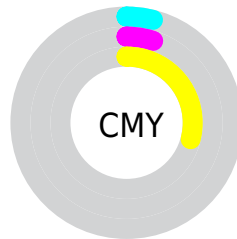
- Red (96%)
- Green (95%)
- Blue (71%)



- Red (73%)
- Yellow (96%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (26%)
- Black (4%)





- Cyan (4%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.6593, 0.3532, 0.3906 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 85.6593, 0.3532, 0.3906 by changing the saturation by 10% instead.

 85.6593, 0.3532,
0.3906

 85.6593, 0.3532,
0.3906

513.8071, 0.3354,
0.3627

 64.3863, 0.3570,
0.3968


 141.2940, 0.3472,
0.3810

 46.9636, 0.3616,
0.4044


176.4244, 0.3448,
0.3773

 33.0069, 0.3671,
0.4138


216.9427, 0.3428,
0.3740

 22.1317, 0.3740,
0.4257

263.2334, 0.3409,
0.3712

 13.9537, 0.3827,
0.4414

315.6808, 0.3393,
0.3687

 8.0885, 0.3936,
0.4625

374.6693, 0.3379,

 4.1516, 0.4072,

0.3664

0.4922

440.5832, 0.3366,
0.3644

■ 1.7587, 0.4410,
0.5590

■ 0.4613, 0.3491,
0.6509

■ 85.6593, 0.3532,
0.3906

■ 85.6593, 0.3532,
0.3906

■ 83.8385, 0.3690,
0.4141

■ 87.6723, 0.3373,
0.3667

■ 82.1892, 0.3841,
0.4361


■ 89.8746, 0.3218,
0.3430


■ 80.7050, 0.3979,
0.4558


■ 92.2781, 0.3071,
0.3203


■ 79.3747, 0.4097,
0.4721


■ 93.2440, 0.3068,
0.3213

 78.1857, 0.4191,
0.4843


 94.1879, 0.3067,
0.3228

 77.1230, 0.4258,
0.4920

 95.1396, 0.3067,
0.3243

 76.1685, 0.4298,
0.4954

 96.0991, 0.3067,
0.3258

 75.8153, 0.4309,
0.4960

 97.0663, 0.3066,
0.3273

 98.0414, 0.3066,
0.3288

Harmonies

Analogous

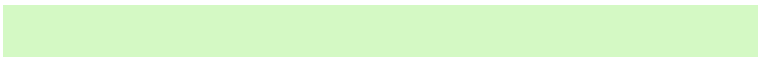
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6593, 0.3763, 0.3766



85.6593, 0.3532, 0.3906



85.6593, 0.3200, 0.3870

Triad

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



85.6593, 0.3532, 0.3906



85.6593, 0.2482, 0.3004



85.6593, 0.3378, 0.2967

Complementary

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



85.6593, 0.3532, 0.3906



51.1380, 0.2678, 0.2589

Split Complementary

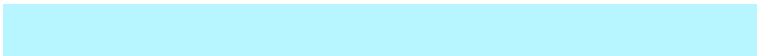
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6593, 0.3023, 0.2785



85.6593, 0.3532, 0.3906



85.6593, 0.2522, 0.2792

Square

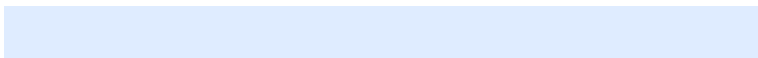
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.6593, 0.3532, 0.3906



85.6593, 0.2602, 0.3319



85.6593, 0.2714, 0.2719



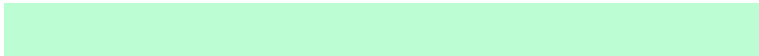
85.6593, 0.3676, 0.3227

Rectangle

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



85.6593, 0.3532, 0.3906



85.6593, 0.2969, 0.3739



85.6593, 0.2714, 0.2719



85.6593, 0.3261, 0.2895

Sweetspot

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



85.6631, 0.3532, 0.3906



97.9419, 0.3248, 0.3475



55.9919, 0.3650, 0.3245



20.8841, 0.3271, 0.3510



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

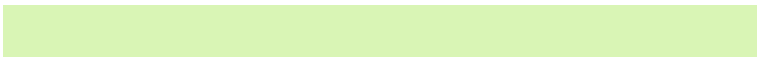
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6631, 0.3532, 0.3906



92.7918, 0.3611, 0.4023



83.4449, 0.3330, 0.3987



19.1252, 0.3270, 0.3509



40.9165, 0.4307, 0.4962



3.6490, 0.4291, 0.4975

Inverse Universe

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



51.1380, 0.2678, 0.2589



49.4534, 0.2580, 0.2433



53.1752, 0.2876, 0.2582



16.0933, 0.2979, 0.3061



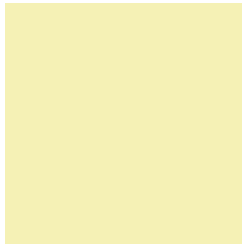
3.8065, 0.1511, 0.0639



0.3920, 0.1538, 0.0735

Previews

White Background



This preview shows how the Yxy color 85.6593, 0.3532, 0.3906 looks on a white background.

Color Contrast Check

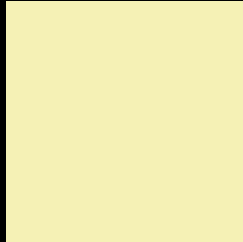
Large Text (above 18pt) WCAG AA × Fail

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 85.6593, 0.3532, 0.3906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

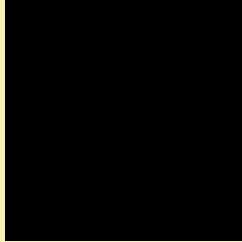
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.6593, 0.3532, 0.3906

Background



This preview shows how black text looks on a background with the Yxy color 85.6593, 0.3532, 0.3906.

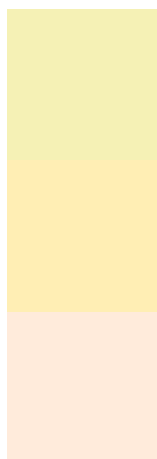


This preview shows how white text looks on a background with the Yxy color 85.6593, 0.3532, 0.3906.

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

85.6593, 0.3532, 0.3906

Protanopia

85.7044, 0.3618, 0.3873

Deuteranopia

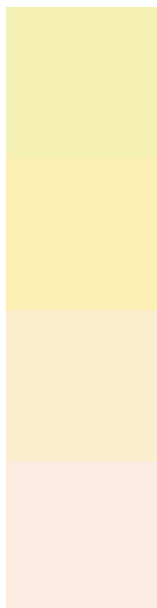
85.7911, 0.3367, 0.3450



Tritanopia

85.6862, 0.3162, 0.3115

Trichromacy



Original Color

85.6593, 0.3532, 0.3906

Protanomaly

85.5375, 0.3587, 0.3889

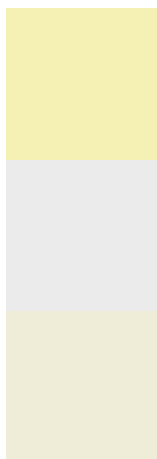
Deuteranomaly

85.4854, 0.3428, 0.3614

Tritanomaly

85.3621, 0.3300, 0.3390

Monochromacy



Original Color

85.6593, 0.3532, 0.3906

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.8254, 0.3279, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6593, 0.3532, 0.3906 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(245, 241, 181)` looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 181)  
}
```

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(245, 241, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 181) }
```

Border

The CSS property to change the border of an element to Yxy 85.6593, 0.3532, 0.3906 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(245, 241, 181) }
```

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

```
.border{ border-color:rgb(245, 241, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 241, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 181);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6593, 0.3532, 0.3906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 181) }
```

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

```
.background{ background-color: rgb(245,  
241, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor