

Converting Colors

$Yxy(85.2539, 0.3547, 0.3994)$

Have a look what the booklet for
Yxy(85.2539, 0.3547, 0.3994)
contains.

Yxy(85.2610, 0.3545, 0.3995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(85.2610, 0.3545, 0.3995)

Conversions

Conversions Part 1

Format	Color
Hex	F1F2AE
RGB	241, 242, 174
RGB Percent	95%, 95%, 68%
CMY	0.0550, 0.0509, 0.3177
CMYK	0.00, 0.00, 0.28, 0.05
HSL	61°, 72%, 82%
HSV	61°, 28%, 95%
XYZ	75.6571, 85.2610, 52.5011
YIQ	233.9490, 21.2320, -21.3600

Conversions

Conversions Part 2

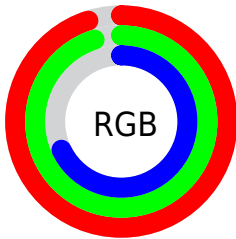
Format	Color
RYB	174, 242, 175
Decimal	15856302
CIELab	94.00, -10.73, 32.82
CIELCh	94, 34.527, 108.114
Yxy	85.2610, 0.3545, 0.3995
Android (android.graphics.Color)	4294046382 (0xFFFF1F2AE)
YUV	233.9490, -29.5549, 6.1837
Hunter-Lab	92.3369, -15.3338, 30.9246

Details

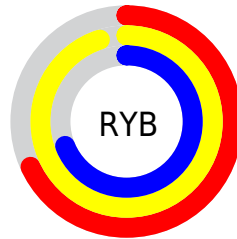
The Yxy color **85.2610, 0.3545, 0.3995** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **45.7926, 0.2641, 0.2476**, and the grayscale version is **82.4522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **46.6886, 0.3627, 0.4153** is the 20% darker color. If you saturate the color by 10%, you get **84.3387, 0.3690, 0.4240**, and if you desaturate by 10%, it is **86.3611, 0.3395, 0.3742**.

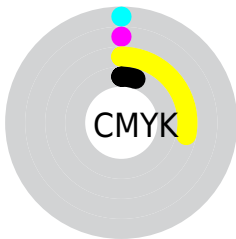
Distribution



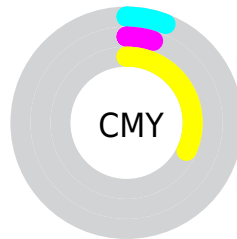
- Red (95%)
- Green (95%)
- Blue (68%)



- Red (68%)
- Yellow (95%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)





- Cyan (6%)
- Magenta (5%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2610, 0.3545, 0.3995 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 85.2610, 0.3545, 0.3995 by changing the saturation by 10% instead.

 85.2610, 0.3545,
0.3995

 85.2610, 0.3545,
0.3995


512.4913, 0.3363,
0.3674

 64.0571, 0.3583,
0.4066


 140.7378, 0.3484,
0.3885

 46.6969, 0.3629,
0.4154


175.7794, 0.3460,
0.3842

 32.7961, 0.3684,
0.4262


216.2024, 0.3439,
0.3804

 21.9703, 0.3751,
0.4400

262.3911, 0.3420,
0.3772

 13.8351, 0.3833,
0.4580

314.7299, 0.3403,
0.3743

 8.0060, 0.3931,
0.4822

373.6033, 0.3388,

 4.0988, 0.4062,

0.3717

0.5182

439.3957, 0.3375,
0.3694

1.7290, 0.4229,
0.5771

0.4423, 0.2636,
0.7364

85.2610, 0.3545,
0.3995

85.2610, 0.3545,
0.3995

84.3387, 0.3690,
0.4240

86.3611, 0.3395,
0.3742

83.5737, 0.3823,
0.4468


87.6360, 0.3246,
0.3489


82.9597, 0.3940,
0.4669


89.0975, 0.3100,
0.3245

82.4857, 0.4034,
0.4833

89.6941, 0.3053,
0.3162

 82.1390, 0.4103,
0.4954

 89.7605, 0.3055,
0.3162

 81.9048, 0.4145,
0.5032

 89.8271, 0.3057,
0.3162

 81.7623, 0.4164,
0.5069

 89.8938, 0.3060,
0.3163

 81.7400, 0.4166,
0.5074

 89.9606, 0.3062,
0.3163

 90.0276, 0.3065,
0.3163

Harmonies

Analogous

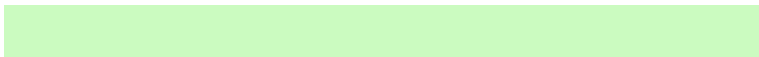
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2610, 0.3825, 0.3849



85.2610, 0.3545, 0.3995



85.2610, 0.3163, 0.3934

Triad

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



85.2610, 0.3545, 0.3995



85.2610, 0.2398, 0.2930



85.2610, 0.3453, 0.2955

Complementary

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



85.2610, 0.3545, 0.3995



45.7926, 0.2641, 0.2476

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.



85.2610, 0.3051, 0.2740



85.2610, 0.3545, 0.3995



85.2610, 0.2462, 0.2711

Square

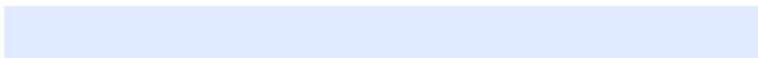
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2610, 0.3545, 0.3995



85.2610, 0.2512, 0.3278



85.2610, 0.2693, 0.2650



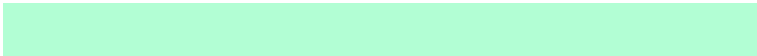
85.2610, 0.3777, 0.3251

Rectangle

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



85.2610, 0.3545, 0.3995



85.2610, 0.2905, 0.3770



85.2610, 0.2693, 0.2650



85.2610, 0.3321, 0.2872

Sweetspot

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



85.2648, 0.3545, 0.3995



98.6953, 0.3244, 0.3487



52.1989, 0.3746, 0.3292



21.0756, 0.3267, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

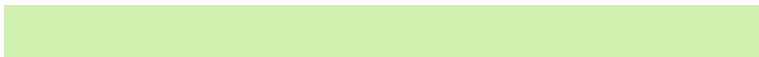
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2648, 0.3545, 0.3995



95.3651, 0.3632, 0.4143



79.9796, 0.3313, 0.4051



18.4459, 0.3266, 0.3523



43.9100, 0.4166, 0.5074



3.6569, 0.4170, 0.5071

Inverse Universe

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



45.7926, 0.2641, 0.2476



43.8422, 0.2519, 0.2272



50.0848, 0.2889, 0.2530



15.2404, 0.2982, 0.3046



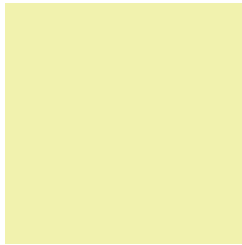
3.4623, 0.1505, 0.0603



0.2921, 0.1518, 0.0610

Previews

White Background



This preview shows how the Yxy color 85.2610, 0.3545, 0.3995 looks on a white background.

Color Contrast Check

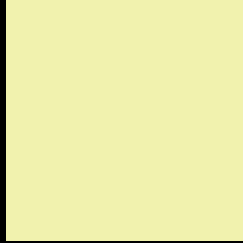
Large Text (above 18pt) WCAG AA × Fail

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 85.2610, 0.3545, 0.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

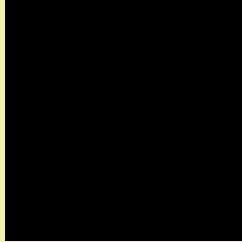
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.2610, 0.3545, 0.3995

Background



This preview shows how black text looks on a background with the Yxy color 85.2610, 0.3545, 0.3995.

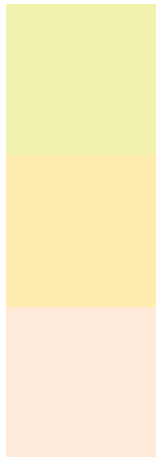


This preview shows how white text looks on a background with the Yxy color 85.2610, 0.3545, 0.3995.

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

85.2610, 0.3545, 0.3995

Protanopia

84.9235, 0.3653, 0.3914

Deuteranopia

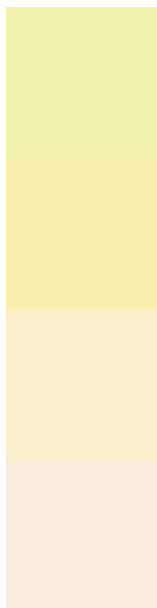
85.1154, 0.3382, 0.3460



Tritanopia

85.1246, 0.3142, 0.3114

Trichromacy



Original Color

85.2610, 0.3545, 0.3995

Protanomaly

85.1521, 0.3611, 0.3941

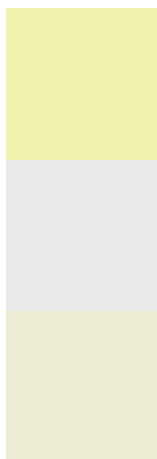
Deuteranomaly

85.1094, 0.3447, 0.3656

Tritanomaly

85.0390, 0.3290, 0.3432

Monochromacy



Original Color

85.2610, 0.3545, 0.3995

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.3264, 0.3284, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2610, 0.3545, 0.3995 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, 242, 174)` looks like.

```
.text, #text, p{  
    color:rgb(241, 242, 174)  
}
```

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, 242, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 242, 174) }
```

Border

The CSS property to change the border of an element to Yxy 85.2610, 0.3545, 0.3995 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, 242, 174) }
```

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

```
.border{ border-color:rgb(241, 242, 174) }
```

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

Here you see how a box with a 4 pixel rgb(241, 242, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 242, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 242, 174);  
box-shadow:4px 4px 4px 4px rgb(241, 242,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2610, 0.3545, 0.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 242, 174) }
```

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

```
.background{ background-color: rgb(241,  
242, 174) }
```

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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