

Converting Colors

$Yxy(99.5608, 0.4017, 0.3738)$

Have a look what the booklet for
Yxy(99.5608, 0.4017, 0.3738)
contains.

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Color

Yxy(85.9542, 0.3579, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEBA
RGB	255, 238, 186
RGB Percent	100%, 93%, 73%
CMY	0.0000, 0.0667, 0.2706
CMYK	0.00, 0.07, 0.27, 0.00
HSL	45°, 100%, 86%
HSV	45°, 27%, 100%
XYZ	80.6793, 85.9542, 58.7906
YIQ	237.1550, 26.8240, -12.5680

Conversions

Conversions Part 2

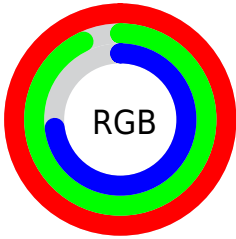
Format	Color
R _Y B	209, 255, 186
Decimal	16772794
CIE Lab	94.29, -1.98, 27.30
CIE LCh	94, 27.372, 94.153
Yxy	85.9542, 0.3579, 0.3813
Android (android.graphics.Color)	4294962874 (0xFFFFEEBA)
YUV	237.1550, -25.2194, 15.6501
Hunter-Lab	92.7115, -6.9111, 27.3008

Details

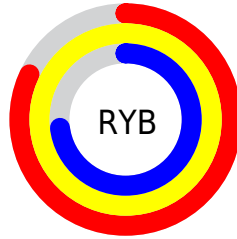
The Yxy color **85.9542, 0.3579, 0.3813** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.3678, 0.2673, 0.2705**, and the grayscale version is **84.9971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **47.1551, 0.3676, 0.3918** is the 20% darker color. If you saturate the color by 10%, you get **81.3730, 0.3765, 0.4010**, and if you desaturate by 10%, it is **90.8612, 0.3402, 0.3615**.

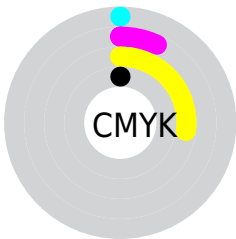
Distribution



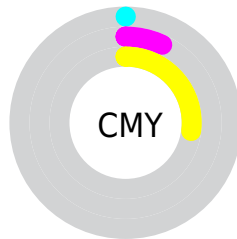
- Red (100%)
- Green (93%)
- Blue (73%)



- Red (82%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (7%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.9542, 0.3579, 0.3813 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 85.9542, 0.3579, 0.3813 by changing the saturation by 10% instead.


 85.9542, 0.3579,
0.3813

 85.9542, 0.3579,
0.3813


514.7802, 0.3378,
0.3579

 64.6301, 0.3623,
0.3864


 141.7056, 0.3511,
0.3733

 47.1612, 0.3676,
0.3927


176.9016, 0.3484,
0.3702

 33.1631, 0.3741,
0.4004

217.4905, 0.3461,
0.3675

 22.2514, 0.3822,
0.4101

263.8565, 0.3440,
0.3651

 14.0418, 0.3927,
0.4228

316.3841, 0.3422,
0.3629

 8.1497, 0.4065,
0.4396

375.4576, 0.3406,

 4.1909, 0.4248,

0.3611

0.4626

441.4615, 0.3391,
0.3594

■ 1.7809, 0.4758,
0.5242

■ 0.4752, 0.4591,
0.5409

■ 85.9542, 0.3579,
0.3813

■ 85.9542, 0.3579,
0.3813

■ 81.3730, 0.3765,
0.4010

■ 90.8612, 0.3402,
0.3615

■ 77.0990, 0.3955,
0.4196

■ 96.0977, 0.3236,
0.3422

■ 73.1221, 0.4141,
0.4363

100.0000, 0.3127,
0.3290

■ 69.4284, 0.4316,
0.4499

■ 66.0024, 0.4471,
0.4594

■ 62.8260, 0.4599,
0.4642

■ 59.8767, 0.4695,
0.4640

■ 59.0431, 0.4720,
0.4634

Harmonies

Analogous

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



85.9542, 0.3734, 0.3647



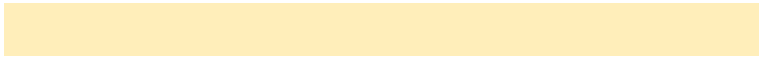
85.9542, 0.3579, 0.3813



85.9542, 0.3306, 0.3838

Triad

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



85.9542, 0.3579, 0.3813



85.9542, 0.2569, 0.3129



85.9542, 0.3241, 0.2930

Complementary

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



85.9542, 0.3579, 0.3813



60.3678, 0.2673, 0.2705

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.



85.9542, 0.2928, 0.2800



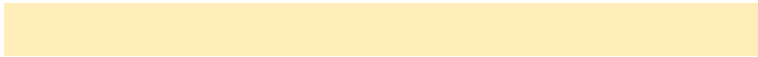
85.9542, 0.3579, 0.3813



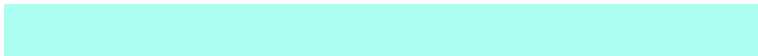
85.9542, 0.2553, 0.2899

Square

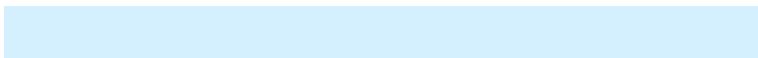
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9542, 0.3579, 0.3813



85.9542, 0.2727, 0.3426



85.9542, 0.2680, 0.2785



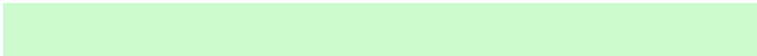
85.9542, 0.3535, 0.3146

Rectangle

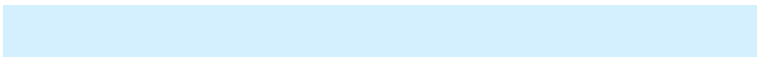
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9542, 0.3579, 0.3813



85.9542, 0.3096, 0.3760



85.9542, 0.2680, 0.2785



85.9542, 0.3134, 0.2875

Sweetspot

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



85.9565, 0.3579, 0.3813



95.5909, 0.3251, 0.3439



60.7006, 0.3569, 0.3113



20.2882, 0.3275, 0.3468



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

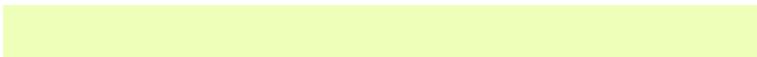
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9565, 0.3579, 0.3813



83.6526, 0.3670, 0.3911



93.1989, 0.3421, 0.3996



20.2882, 0.3275, 0.3468



31.0987, 0.4709, 0.4643



3.1994, 0.4637, 0.4700

Inverse Universe

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



60.3678, 0.2673, 0.2705



54.5108, 0.2582, 0.2580



55.0683, 0.2774, 0.2533



18.1044, 0.2979, 0.3105



5.8142, 0.1577, 0.0877



0.7292, 0.1635, 0.1084

Previews

White Background



This preview shows how the Yxy color 85.9542, 0.3579, 0.3813 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 85.9542, 0.3579, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

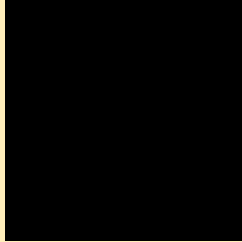
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.9542, 0.3579, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 85.9542, 0.3579, 0.3813.



This preview shows how white text looks on a background with the Yxy color 85.9542, 0.3579, 0.3813.

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

85.9542, 0.3579, 0.3813

Protanopia

85.7651, 0.3572, 0.3814

Deuteranopia

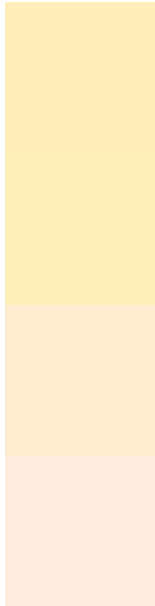
85.8971, 0.3354, 0.3430



Tritanopia

86.1304, 0.3200, 0.3173

Trichromacy



Original Color

85.9542, 0.3579, 0.3813

Protanomaly

85.7651, 0.3572, 0.3814

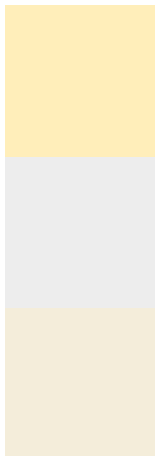
Deuteranomaly

85.8050, 0.3438, 0.3571

Tritanomaly

86.0585, 0.3334, 0.3400

Monochromacy



Original Color

85.9542, 0.3579, 0.3813

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.8634, 0.3294, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9542, 0.3579, 0.3813 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(255, 238, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 186)  
}
```

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(255, 238, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 186) }
```

Border

The CSS property to change the border of an element to Yxy 85.9542, 0.3579, 0.3813 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(255, 238, 186) }
```

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

```
.border{ border-color:rgb(255, 238, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9542, 0.3579, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 186) }
```

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

```
.background{ background-color: rgb(255,  
238, 186) }
```

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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