

Converting Colors

$Y_{xy}(86.0545, 0.3543, 0.3755)$

Have a look what the booklet for
Yxy(86.0545, 0.3543, 0.3755)
contains.

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Color

Yxy(86.2148, 0.3540, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEC0
RGB	255, 238, 192
RGB Percent	100%, 93%, 75%
CMY	0.0000, 0.0667, 0.2470
CMYK	0.00, 0.07, 0.25, 0.00
HSL	44°, 100%, 88%
HSV	44°, 25%, 100%
XYZ	81.3434, 86.2148, 62.2254
YIQ	237.8390, 24.8980, -10.7020

Conversions

Conversions Part 2

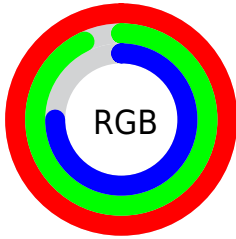
Format	Color
R _Y B	215, 255, 192
Decimal	16772800
CIE Lab	94.40, -1.17, 24.38
CIE LCh	94, 24.409, 92.740
Yxy	86.2148, 0.3540, 0.3752
Android (android.graphics.Color)	4294962880 (0xFFFFEEC0)
YUV	237.8390, -22.5986, 15.0502
Hunter-Lab	92.8519, -6.1151, 25.2627

Details

The Yxy color **86.2148, 0.3540, 0.3752** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.0365, 0.2718, 0.2781**, and the grayscale version is **85.5272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **47.2966, 0.3635, 0.3854** is the 20% darker color. If you saturate the color by 10%, you get **81.2414, 0.3727, 0.3944**, and if you desaturate by 10%, it is **91.5255, 0.3363, 0.3560**.

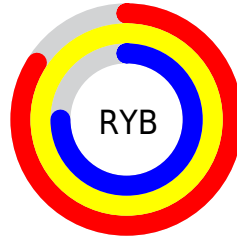
Distribution



Red (100%)

Green (93%)

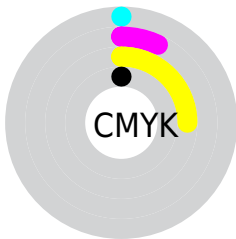
Blue (75%)



Red (84%)

Yellow (100%)

Blue (75%)

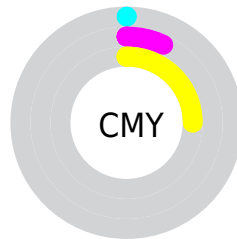


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (7%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.2148, 0.3540, 0.3752 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 86.2148, 0.3540, 0.3752 by changing the saturation by 10% instead.


 86.2148, 0.3540,
0.3752

 86.2148, 0.3540,
0.3752


515.6392, 0.3356,
0.3545

 64.8456, 0.3580,
0.3797


 142.0692, 0.3478,
0.3682

 47.3359, 0.3629,
0.3853


177.3232, 0.3453,
0.3654

 33.3013, 0.3689,
0.3921


217.9743, 0.3431,
0.3630

 22.3573, 0.3765,
0.4008

264.4068, 0.3413,
0.3609

 14.1197, 0.3864,
0.4120

317.0051, 0.3396,
0.3590

 8.2040, 0.3996,
0.4272

376.1537, 0.3381,

 4.2257, 0.4176,

0.3573

0.4483

442.2370, 0.3368,
0.3558

■ 1.8006, 0.4762,
0.5147

■ 0.4876, 0.4715,
0.5285

■ 86.2148, 0.3540,
0.3752

■ 86.2148, 0.3540,
0.3752

■ 81.2414, 0.3727,
0.3944

■ 91.5255, 0.3363,
0.3560

■ 76.6114, 0.3922,
0.4129

■ 97.2023, 0.3199,
0.3374

■ 72.3061, 0.4117,
0.4298

100.0000, 0.3127,
0.3290

■ 68.3116, 0.4304,
0.4438

■ 64.6125, 0.4474,
0.4540

■ 61.1908, 0.4618,
0.4595

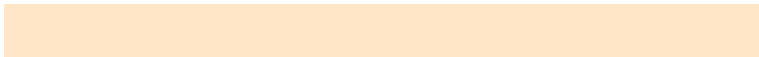
■ 58.0252, 0.4731,
0.4599

■ 56.4369, 0.4781,
0.4586

Harmonies

Analogous

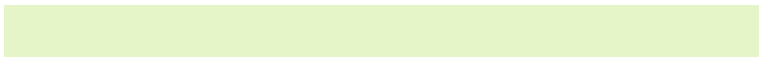
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2148, 0.3670, 0.3602



86.2148, 0.3540, 0.3752



86.2148, 0.3301, 0.3778

Triad

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



86.2148, 0.3540, 0.3752



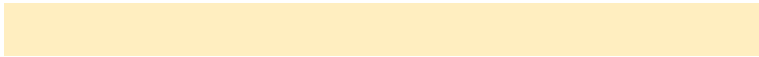
86.2148, 0.2632, 0.3160



86.2148, 0.3216, 0.2960

Complementary

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



86.2148, 0.3540, 0.3752



64.0365, 0.2718, 0.2781

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.



86.2148, 0.2938, 0.2847



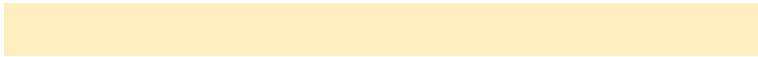
86.2148, 0.3540, 0.3752



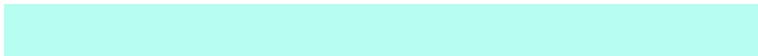
86.2148, 0.2611, 0.2950

Square

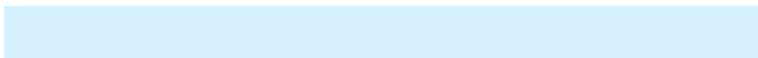
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.2148, 0.3540, 0.3752



86.2148, 0.2779, 0.3424



86.2148, 0.2720, 0.2840



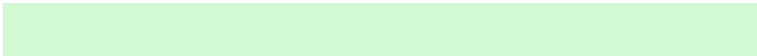
86.2148, 0.3480, 0.3151

Rectangle

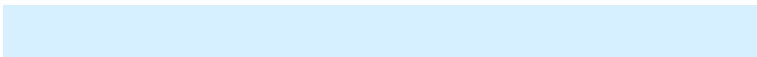
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.2148, 0.3540, 0.3752



86.2148, 0.3114, 0.3713



86.2148, 0.2720, 0.2840



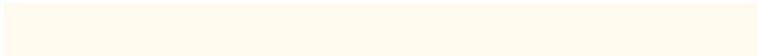
86.2148, 0.3121, 0.2912

Sweetspot

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



86.2088, 0.3540, 0.3752



95.8662, 0.3235, 0.3416



63.6078, 0.3503, 0.3108



20.4448, 0.3245, 0.3427



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

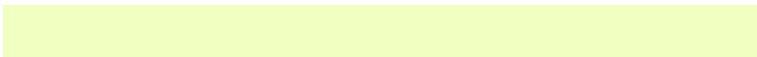
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2088, 0.3540, 0.3752



83.5351, 0.3638, 0.3854



94.0887, 0.3410, 0.3929



20.2122, 0.3276, 0.3463



29.7498, 0.4769, 0.4596



3.0777, 0.4688, 0.4660

Inverse Universe

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



64.0365, 0.2718, 0.2781



57.6638, 0.2621, 0.2653



57.9944, 0.2795, 0.2603



18.1757, 0.2979, 0.3111



6.1970, 0.1591, 0.0926



0.7749, 0.1650, 0.1139

Previews

White Background



This preview shows how the Yxy color 86.2148, 0.3540, 0.3752 looks on a white background.

Color Contrast Check

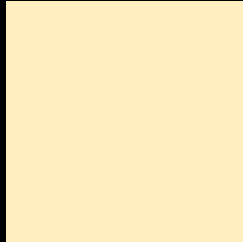
Large Text (above 18pt) WCAG AA × Fail

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 86.2148, 0.3540, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

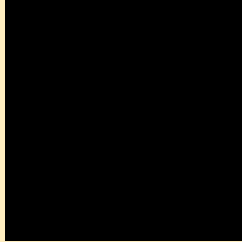
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.2148, 0.3540, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 86.2148, 0.3540, 0.3752.



This preview shows how white text looks on a background with the Yxy color 86.2148, 0.3540, 0.3752.

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

86.2148, 0.3540, 0.3752

Protanopia

86.0257, 0.3532, 0.3753

Deuteranopia

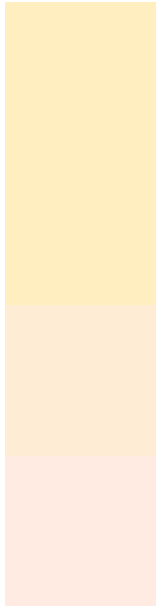
86.0044, 0.3341, 0.3410



Tritanopia

86.1304, 0.3200, 0.3173

Trichromacy



Original Color

86.2148, 0.3540, 0.3752

Protanomaly

86.0257, 0.3532, 0.3753

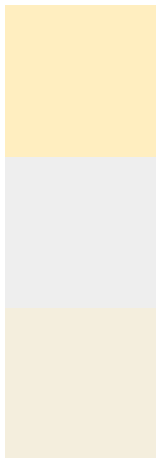
Deuteranomaly

86.0044, 0.3412, 0.3530

Tritanomaly

86.1676, 0.3321, 0.3380

Monochromacy



Original Color

86.2148, 0.3540, 0.3752

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.6026, 0.3274, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2148, 0.3540, 0.3752 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 192) }
```

Border

The CSS property to change the border of an element to Yxy 86.2148, 0.3540, 0.3752 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, 192) }
```

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

```
.border{ border-color:rgb(255, 238, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2148, 0.3540, 0.3752 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
238, 192) }
```

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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