

Converting Colors

$Y_{xy}(142.1002, 0.4838, 0.3585)$

Have a look what the booklet for
Yxy(142.1002, 0.4838, 0.3585)
contains.

| | |
|---|----|
| Yxy(84.1374, 0.3600, 0.3805) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(84.1374, 0.3600, 0.3805)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFEBB8 |
| RGB | 255, 235, 184 |
| RGB Percent | 100%, 92%, 72% |
| CMY | 0.0000, 0.0784, 0.2785 |
| CMYK | 0.00, 0.08, 0.28, 0.00 |
| HSL | 43°, 100%, 86% |
| HSV | 43°, 28%, 100% |
| XYZ | 79.6044, 84.1374, 57.3815 |
| YIQ | 235.1660, 28.2910, -11.6210 |

Conversions

Conversions Part 2

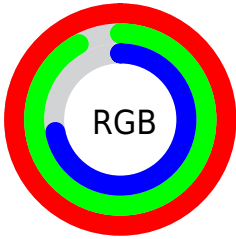
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 212, 255, 184 |
| Decimal | 16772024 |
| CIE Lab | 93.51, -0.72, 27.26 |
| CIE LCh | 94, 27.272, 91.514 |
| Yxy | 84.1374, 0.3600, 0.3805 |
| Android (android.graphics.Color) | 4294962104 (0xFFFFE8B8) |
| YUV | 235.1660, -25.2248, 17.3944 |
| Hunter-Lab | 91.7264, -5.6109, 27.1183 |

Details

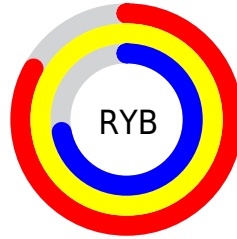
The Yxy color **84.1374, 0.3600, 0.3805** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.5856, 0.2662, 0.2715**, and the grayscale version is **83.3884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **45.8847, 0.3705, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **79.1329, 0.3792, 0.3993**, and if you desaturate by 10%, it is **89.5000, 0.3418, 0.3615**.

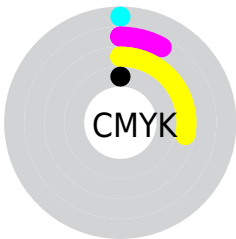
Distribution



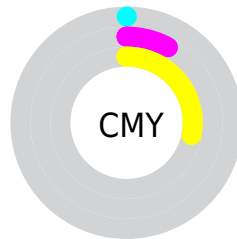
- Red (100%)
- Green (92%)
- Blue (72%)



- Red (83%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (8%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.1374, 0.3600, 0.3805 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 84.1374, 0.3600, 0.3805 by changing the saturation by 10% instead.

 84.1374, 0.3600,
0.3805

 84.1374, 0.3600,
0.3805


508.7694, 0.3388,
0.3574

 63.1289, 0.3646,
0.3856


 139.1674, 0.3528,
0.3726

 45.9455, 0.3702,
0.3917


173.9576, 0.3500,
0.3695

 32.2028, 0.3771,
0.3993


214.1105, 0.3475,
0.3669

 21.5164, 0.3858,
0.4089

260.0105, 0.3454,
0.3645

 13.5020, 0.3971,
0.4213

312.0420, 0.3434,
0.3624

 7.7751, 0.4119,
0.4378

370.5894, 0.3417,

 3.9514, 0.4318,

0.3606

0.4601

436.0371, 0.3402,
0.3589

1.6464, 0.4830,
0.5170

0.3886, 0.4751,
0.5249

84.1374, 0.3600,
0.3805

84.1374, 0.3600,
0.3805

79.1329, 0.3792,
0.3993

89.5000, 0.3418,
0.3615

74.4752, 0.3990,
0.4172

95.2332, 0.3249,
0.3430

70.1507, 0.4187,
0.4331

100.0000, 0.3127,
0.3290

66.1447, 0.4374,
0.4458

■ 62.4409, 0.4542,
0.4544

■ 59.0204, 0.4681,
0.4581

■ 55.8583, 0.4790,
0.4568

■ 55.2049, 0.4811,
0.4562

Harmonies

Analogous

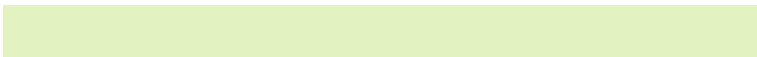
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1374, 0.3742, 0.3629



84.1374, 0.3600, 0.3805



84.1374, 0.3333, 0.3845

Triad

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



84.1374, 0.3600, 0.3805



84.1374, 0.2576, 0.3153



84.1374, 0.3213, 0.2913

Complementary

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



84.1374, 0.3600, 0.3805



60.5856, 0.2662, 0.2715

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.



84.1374, 0.2901, 0.2792



84.1374, 0.3600, 0.3805



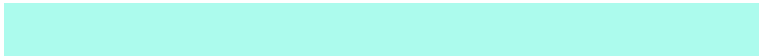
84.1374, 0.2546, 0.2913

Square

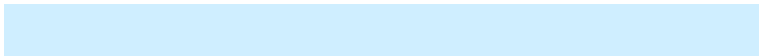
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.1374, 0.3600, 0.3805



84.1374, 0.2745, 0.3452



84.1374, 0.2662, 0.2788



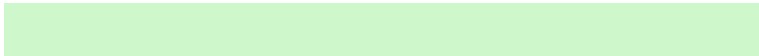
84.1374, 0.3514, 0.3124

Rectangle

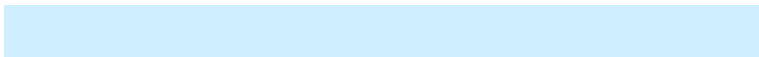
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.1374, 0.3600, 0.3805



84.1374, 0.3124, 0.3776



84.1374, 0.2662, 0.2788



84.1374, 0.3105, 0.2861

Sweetspot

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



84.1371, 0.3600, 0.3805



95.1442, 0.3252, 0.3433



59.8986, 0.3566, 0.3083



20.1752, 0.3276, 0.3460



0.0000, 0.0000, 0.0000



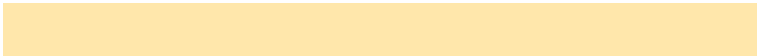
21.4041, 0.3127, 0.3290

Same Dimension

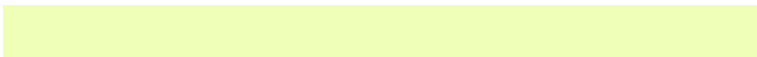
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1371, 0.3600, 0.3805



81.5158, 0.3698, 0.3903



93.4376, 0.3446, 0.4014



20.1752, 0.3276, 0.3460



29.1117, 0.4798, 0.4572



3.0198, 0.4713, 0.4640

Inverse Universe

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



60.5856, 0.2662, 0.2715



54.6889, 0.2567, 0.2589



53.6867, 0.2744, 0.2504



18.2105, 0.2979, 0.3114



6.3978, 0.1598, 0.0951



0.7984, 0.1658, 0.1167

Previews

White Background



This preview shows how the Yxy color 84.1374, 0.3600, 0.3805 looks on a white background.

Color Contrast Check

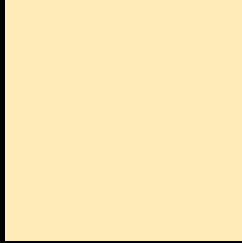
Large Text (above 18pt) WCAG AA × Fail

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 84.1374, 0.3600, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

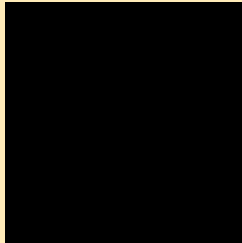
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.1374, 0.3600, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 84.1374, 0.3600, 0.3805.



This preview shows how white text looks on a background with the Yxy color 84.1374, 0.3600, 0.3805.

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

84.1374, 0.3600, 0.3805

Protanopia

84.1470, 0.3575, 0.3818

Deuteranopia

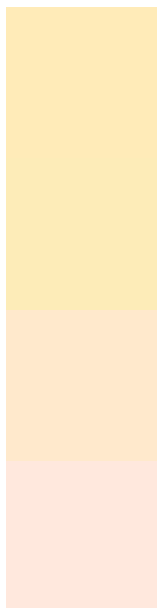
83.9311, 0.3391, 0.3451



Tritanopia

84.2644, 0.3222, 0.3173

Trichromacy



Original Color

84.1374, 0.3600, 0.3805

Protanomaly

84.3342, 0.3583, 0.3817

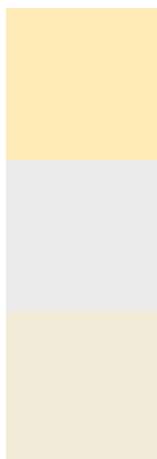
Deuteranomaly

83.8975, 0.3470, 0.3582

Tritanomaly

84.1937, 0.3358, 0.3400

Monochromacy



Original Color

84.1374, 0.3600, 0.3805

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.2518, 0.3296, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.1374, 0.3600, 0.3805 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, 235, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 184)  
}
```

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, 235, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 184) }
```

Border

The CSS property to change the border of an element to Yxy 84.1374, 0.3600, 0.3805 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, 235, 184) }
```

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

```
.border{ border-color:rgb(255, 235, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 84.1374, 0.3600, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 184) }
```

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

```
.background{ background-color: rgb(255,  
235, 184) }
```

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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