

Converting Colors

$Yxy(84.7877, 0.3441, 0.3725)$

Have a look what the booklet for
Yxy(84.7877, 0.3441, 0.3725)
contains.

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Color

Yxy(84.5471, 0.3442, 0.3722)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F5EEC4 |
| RGB | 245, 238, 196 |
| RGB Percent | 96%, 93%, 77% |
| CMY | 0.0393, 0.0666, 0.2314 |
| CMYK | 0.00, 0.03, 0.20, 0.04 |
| HSL | 51°, 71%, 86% |
| HSV | 51°, 20%, 96% |
| XYZ | 78.1868, 84.5471, 64.4212 |
| YIQ | 235.3050, 17.6540, -11.5780 |

Conversions

Conversions Part 2

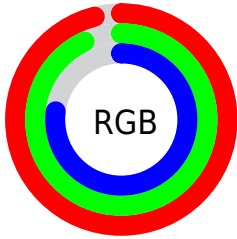
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 204, 245, 196 |
| Decimal | 16117444 |
| CIE _{Lab} | 93.69, -4.30, 21.22 |
| CIE _{LCh} | 94, 21.647, 101.458 |
| Yxy | 84.5471, 0.3442, 0.3722 |
| Android (android.graphics.Color) | 4294307524 (0xFFFF5EEC4) |
| YUV | 235.3050, -19.3774, 8.5025 |
| Hunter-Lab | 91.9495, -9.1290, 22.8252 |

Details

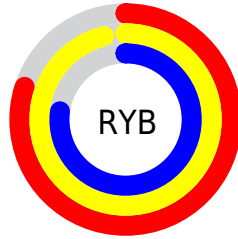
The Yxy color **84.5471, 0.3442, 0.3722** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.0172, 0.2798, 0.2818**, and the grayscale version is **83.4622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **46.1003, 0.3508, 0.3819** is the 20% darker color. If you saturate the color by 10%, you get **81.5180, 0.3610, 0.3943**, and if you desaturate by 10%, it is **87.8051, 0.3280, 0.3502**.

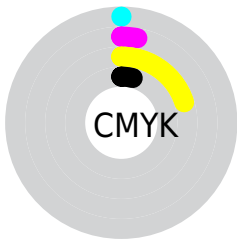
Distribution



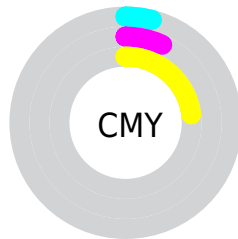
- Red (96%)
- Green (93%)
- Blue (77%)



- Red (80%)
- Yellow (96%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.5471, 0.3442, 0.3722 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 84.5471, 0.3442, 0.3722 by changing the saturation by 10% instead.

84.5471, 0.3442,
0.3722

84.5471, 0.3442,
0.3722

510.1282, 0.3301,
0.3526

63.4672, 0.3473,
0.3766

139.7402, 0.3394,
0.3655

46.2193, 0.3510,
0.3819

174.6223, 0.3375,
0.3629

32.4189, 0.3556,
0.3886

214.8739, 0.3359,
0.3606

21.6817, 0.3615,
0.3971

260.8793, 0.3345,
0.3586

13.6232, 0.3691,
0.4084

313.0231, 0.3332,
0.3568

7.8591, 0.3793,
0.4241


371.6896, 0.3321,


4.0049, 0.3934,


0.3553


0.4468


437.2632, 0.3311,
0.3539


 1.6763, 0.4383,
0.5109

 0.4082, 0.4095,
0.5905


 84.5471, 0.3442,
0.3722


 84.5471, 0.3442,
0.3722


 81.5180, 0.3610,
0.3943

 87.8051, 0.3280,
0.3502

 78.6973, 0.3779,
0.4159

 91.2890, 0.3127,
0.3290

 76.0791, 0.3943,
0.4359

 94.0419, 0.3067,
0.3226

 73.6527, 0.4096,
0.4534

 96.2067, 0.3066,
0.3260

71.4062, 0.4229,
0.4673

98.1474, 0.3066,
0.3290

69.3259, 0.4338,
0.4770

67.3956, 0.4418,
0.4820

65.5886, 0.4473,
0.4830

65.5870, 0.4473,
0.4830

Harmonies

Analogous

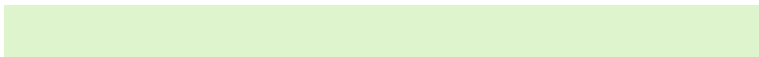
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5471, 0.3591, 0.3618



84.5471, 0.3442, 0.3722



84.5471, 0.3211, 0.3706

Triad

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



84.5471, 0.3442, 0.3722



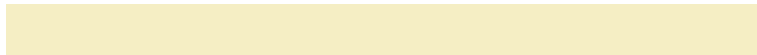
84.5471, 0.2665, 0.3114



84.5471, 0.3280, 0.3038

Complementary

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



84.5471, 0.3442, 0.3722



61.0172, 0.2798, 0.2818

Split Complementary

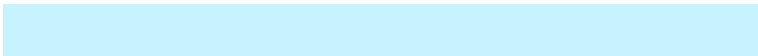
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5471, 0.3028, 0.2913



84.5471, 0.3442, 0.3722



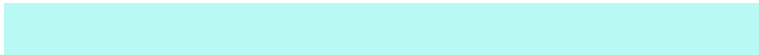
84.5471, 0.2681, 0.2947

Square

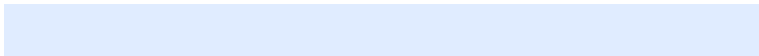
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5471, 0.3442, 0.3722



84.5471, 0.2767, 0.3341



84.5471, 0.2811, 0.2878



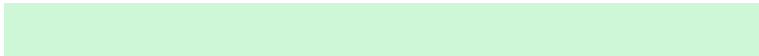
84.5471, 0.3497, 0.3225

Rectangle

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



84.5471, 0.3442, 0.3722



84.5471, 0.3045, 0.3623



84.5471, 0.2811, 0.2878



84.5471, 0.3196, 0.2988

Sweetspot

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



84.5509, 0.3442, 0.3722



97.6747, 0.3218, 0.3417



63.2151, 0.3467, 0.3213



20.8534, 0.3228, 0.3431



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

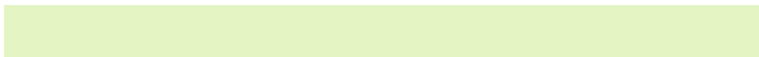
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5509, 0.3442, 0.3722



91.2445, 0.3510, 0.3812



85.7395, 0.3311, 0.3808



18.8887, 0.3272, 0.3491



35.4986, 0.4468, 0.4834



3.2277, 0.4428, 0.4866

Inverse Universe

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



61.0172, 0.2798, 0.2818



61.1357, 0.2723, 0.2708



60.2373, 0.2914, 0.2756



16.3063, 0.2979, 0.3080



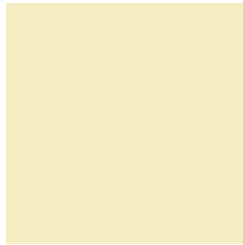
4.3100, 0.1532, 0.0713



0.4930, 0.1582, 0.0896

Previews

White Background



This preview shows how the Yxy color 84.5471, 0.3442, 0.3722 looks on a white background.

Color Contrast Check

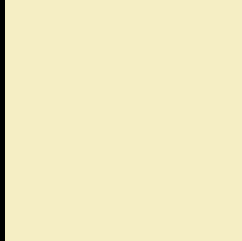
Large Text (above 18pt) WCAG AA × Fail

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 84.5471, 0.3442, 0.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

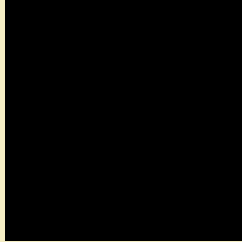
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.5471, 0.3442, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 84.5471, 0.3442, 0.3722.



This preview shows how white text looks on a background with the Yxy color 84.5471, 0.3442, 0.3722.

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

84.5471, 0.3442, 0.3722

Protanopia

84.2550, 0.3488, 0.3708

Deuteranopia

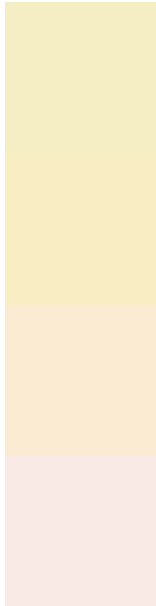
84.6523, 0.3370, 0.3430



Tritanopia

84.6868, 0.3156, 0.3114

Trichromacy



Original Color

84.5471, 0.3442, 0.3722

Protanomaly

84.4650, 0.3472, 0.3719

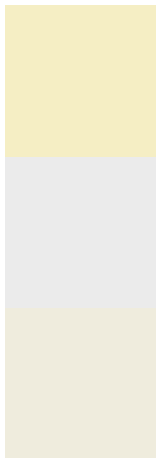
Deuteranomaly

84.6290, 0.3392, 0.3533

Tritanomaly

84.6985, 0.3255, 0.3330

Monochromacy



Original Color

84.5471, 0.3442, 0.3722

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.5621, 0.3242, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5471, 0.3442, 0.3722 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, 238, 196)` looks like.

```
.text, #text, p{  
    color:rgb(245, 238, 196)  
}
```

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, 238, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 238, 196) }
```

Border

The CSS property to change the border of an element to Yxy 84.5471, 0.3442, 0.3722 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, 238, 196) }
```

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

```
.border{ border-color:rgb(245, 238, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 238, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 238, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 238, 196);  
box-shadow:4px 4px 4px 4px rgb(245, 238,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5471, 0.3442, 0.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 238, 196) }
```

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

```
.background{ background-color: rgb(245,  
238, 196) }
```

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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