

Converting Colors

$Yxy(83.7429, 0.3551, 0.3768)$

Have a look what the booklet for
Yxy(83.7429, 0.3551, 0.3768)
contains.

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Color

Yxy(83.7429, 0.3551, 0.3768)

Conversions

Conversions Part 1

Format	Color
Hex	FCEBBC
RGB	252, 235, 188
RGB Percent	99%, 92%, 74%
CMY	0.0119, 0.0784, 0.2627
CMYK	0.00, 0.07, 0.25, 0.01
HSL	44°, 91%, 86%
HSV	44°, 25%, 99%
XYZ	78.9201, 83.7429, 59.5846
YIQ	234.7250, 25.2190, -11.0130

Conversions

Conversions Part 2

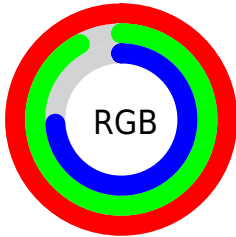
Format	Color
R _Y B	211, 252, 188
Decimal	16575420
CIE Lab	93.34, -1.34, 24.93
CIE LCh	93, 24.962, 93.068
Yxy	83.7429, 0.3551, 0.3768
Android (android.graphics.Color)	4294765500 (0xFFFCB8C)
YUV	234.7250, -23.0354, 15.1502
Hunter-Lab	91.5111, -6.2043, 25.4530

Details

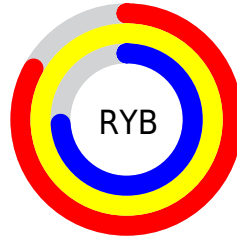
The Yxy color **83.7429, 0.3551, 0.3768** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.3567, 0.2706, 0.2761**, and the grayscale version is **83.0211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **45.5635, 0.3651, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **79.0020, 0.3739, 0.3961**, and if you desaturate by 10%, it is **88.8245, 0.3374, 0.3575**.

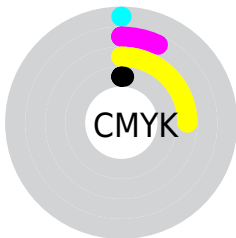
Distribution



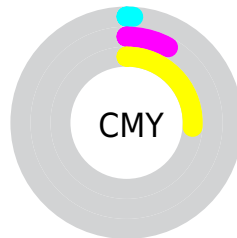
- Red (99%)
- Green (92%)
- Blue (74%)



- Red (83%)
- Yellow (99%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (25%)
- Black (1%)




- Cyan (1%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.7429, 0.3551, 0.3768 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 83.7429, 0.3551, 0.3768 by changing the saturation by 10% instead.


 83.7429, 0.3551,
0.3768

 83.7429, 0.3551,
0.3768


507.4591, 0.3361,
0.3553

 62.8032, 0.3593,
0.3816

 138.6155, 0.3486,
0.3695

 45.6820, 0.3643,
0.3873


173.3171, 0.3461,
0.3666

 31.9950, 0.3706,
0.3945

213.3749, 0.3439,
0.3641

 21.3577, 0.3785,
0.4036

259.1732, 0.3419,
0.3619

 13.3857, 0.3888,
0.4155

311.0963, 0.3402,
0.3599

 7.6947, 0.4025,
0.4315

369.5288, 0.3387,

 3.9002, 0.4212,

0.3582

0.4538

434.8549, 0.3373,
0.3567

■ 1.6179, 0.4793,
0.5207

■ 0.3696, 0.4630,
0.5370

■ 83.7429, 0.3551,
0.3768

■ 83.7429, 0.3551,
0.3768

■ 79.0020, 0.3739,
0.3961

■ 88.8245, 0.3374,
0.3575

■ 74.5790, 0.3932,
0.4146

■ 94.2462, 0.3210,
0.3387

■ 70.4654, 0.4125,
0.4314

■ 99.4281, 0.3108,
0.3290

■ 66.6476, 0.4309,
0.4453

■ 63.1108, 0.4475,
0.4553

■ 59.8374, 0.4615,
0.4605

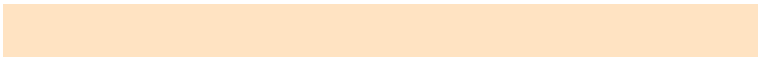
■ 56.8065, 0.4724,
0.4608

■ 55.4752, 0.4767,
0.4597

Harmonies

Analogous

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



83.7429, 0.3688, 0.3613



83.7429, 0.3551, 0.3768



83.7429, 0.3303, 0.3794

Triad

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



83.7429, 0.3551, 0.3768



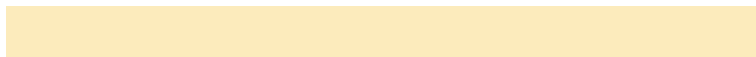
83.7429, 0.2615, 0.3153



83.7429, 0.3222, 0.2951

Complementary

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



83.7429, 0.3551, 0.3768



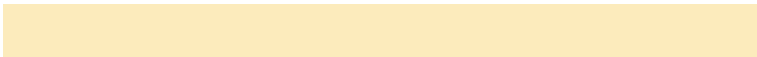
61.3567, 0.2706, 0.2761

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.



83.7429, 0.2934, 0.2834



83.7429, 0.3551, 0.3768



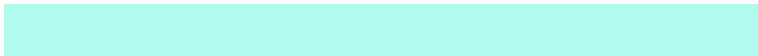
83.7429, 0.2595, 0.2936

Square

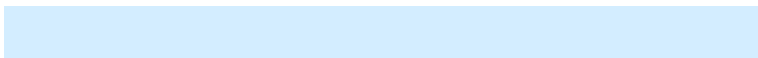
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.7429, 0.3551, 0.3768



83.7429, 0.2766, 0.3425



83.7429, 0.2709, 0.2826



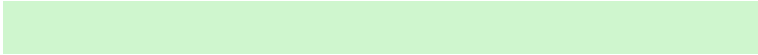
83.7429, 0.3494, 0.3149

Rectangle

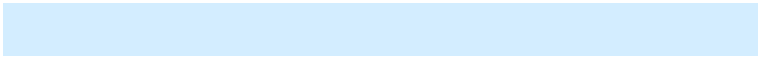
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.7429, 0.3551, 0.3768



83.7429, 0.3110, 0.3726



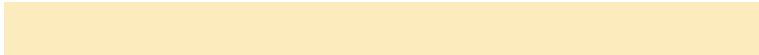
83.7429, 0.2709, 0.2826



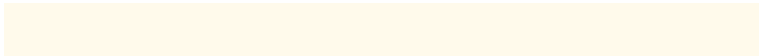
83.7429, 0.3123, 0.2902

Sweetspot

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



83.7467, 0.3551, 0.3768



95.3553, 0.3251, 0.3436



61.0686, 0.3525, 0.3113



20.2286, 0.3276, 0.3464



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

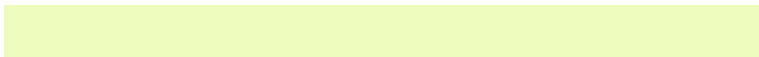
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.7467, 0.3551, 0.3768



83.7590, 0.3637, 0.3858



91.2385, 0.3411, 0.3948



19.3670, 0.3275, 0.3463



29.1621, 0.4755, 0.4606



2.8743, 0.4673, 0.4672

Inverse Universe

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



61.3567, 0.2706, 0.2761



57.4834, 0.2621, 0.2648



55.6822, 0.2792, 0.2584



17.3908, 0.2979, 0.3110



5.9414, 0.1588, 0.0917



0.7160, 0.1650, 0.1140

Previews

White Background



This preview shows how the Yxy color 83.7429, 0.3551, 0.3768 looks on a white background.

Color Contrast Check

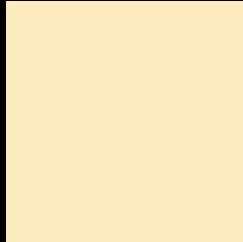
Large Text (above 18pt) WCAG AA × Fail

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 83.7429, 0.3551, 0.3768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

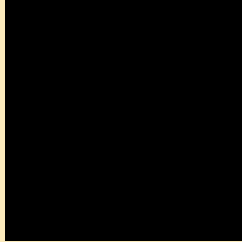
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.7429, 0.3551, 0.3768

Background



This preview shows how black text looks on a background with the Yxy color 83.7429, 0.3551, 0.3768.



This preview shows how white text looks on a background with the Yxy color 83.7429, 0.3551, 0.3768.

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

83.7429, 0.3551, 0.3768

Protanopia

83.5567, 0.3544, 0.3769

Deuteranopia

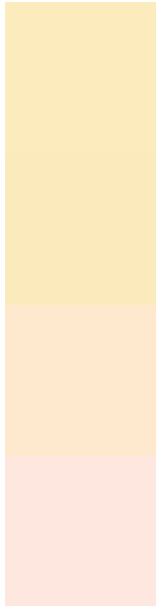
83.9311, 0.3391, 0.3451



Tritanopia

83.7697, 0.3216, 0.3153

Trichromacy



Original Color

83.7429, 0.3551, 0.3768

Protanomaly

83.5567, 0.3544, 0.3769

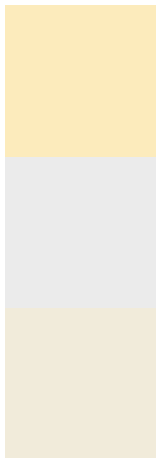
Deuteranomaly

83.8049, 0.3450, 0.3562

Tritanomaly

83.5504, 0.3339, 0.3370

Monochromacy



Original Color

83.7429, 0.3551, 0.3768

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.1794, 0.3276, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.7429, 0.3551, 0.3768 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(252, 235, 188)` looks like.

```
.text, #text, p{  
    color:rgb(252, 235, 188)  
}
```

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(252, 235, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 235, 188) }
```

Border

The CSS property to change the border of an element to Yxy 83.7429, 0.3551, 0.3768 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(252, 235, 188) }
```

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

```
.border{ border-color:rgb(252, 235, 188) }
```

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

Here you see how a box with a 4 pixel rgb(252, 235, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 235, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 235, 188);  
box-shadow:4px 4px 4px 4px rgb(252, 235,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 83.7429, 0.3551, 0.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 235, 188) }
```

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

```
.background{ background-color: rgb(252,  
235, 188) }
```

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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