

Converting Colors

$Y_{xy}(83.4697, 0.3520, 0.3736)$

Have a look what the booklet for
Yxy(83.4697, 0.3520, 0.3736)
contains.

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Color

Yxy(83.5022, 0.3517, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	FAEBBF
RGB	250, 235, 191
RGB Percent	98%, 92%, 75%
CMY	0.0195, 0.0784, 0.2509
CMYK	0.00, 0.06, 0.24, 0.02
HSL	45°, 86%, 86%
HSV	45°, 24%, 98%
XYZ	78.5443, 83.5022, 61.2811
YIQ	234.4690, 23.0640, -10.5040

Conversions

Conversions Part 2

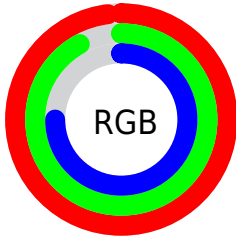
Format	Color
R _Y B	211, 250, 191
Decimal	16444351
CIE Lab	93.23, -1.63, 23.21
CIE LCh	93, 23.264, 94.021
Yxy	83.5022, 0.3517, 0.3739
Android (android.graphics.Color)	4294634431 (0xFFFAEBBF)
YUV	234.4690, -21.4302, 13.6207
Hunter-Lab	91.3795, -6.4864, 24.2045

Details

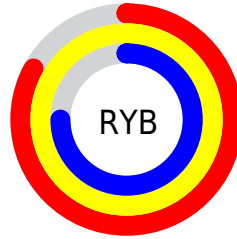
The Yxy color **83.5022, 0.3517, 0.3739** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.1493, 0.2737, 0.2797**, and the grayscale version is **82.8113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **45.3838, 0.3607, 0.3840** is the 20% darker color. If you saturate the color by 10%, you get **78.9163, 0.3701, 0.3935**, and if you desaturate by 10%, it is **88.4140, 0.3343, 0.3544**.

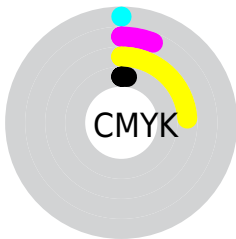
Distribution



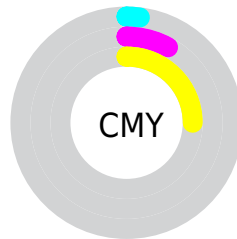
- Red (98%)
- Green (92%)
- Blue (75%)



- Red (83%)
- Yellow (98%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (24%)
- Black (2%)




- Cyan (2%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.5022, 0.3517, 0.3739 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 83.5022, 0.3517, 0.3739 by changing the saturation by 10% instead.


 83.5022, 0.3517,
0.3739

 83.5022, 0.3517,
0.3739


506.6587, 0.3342,
0.3536

 62.6045, 0.3555,
0.3784


 138.2786, 0.3457,
0.3670

 45.5213, 0.3602,
0.3839

172.9261, 0.3434,
0.3643

 31.8683, 0.3660,
0.3907


212.9257, 0.3414,
0.3619

 21.2609, 0.3734,
0.3993

258.6618, 0.3396,
0.3598

 13.3148, 0.3829,
0.4107

310.5188, 0.3380,
0.3580

 7.6457, 0.3958,
0.4262

368.8810, 0.3366,

 3.8691, 0.4136,

0.3564

0.4480

434.1328, 0.3353,
0.3549

■ 1.6006, 0.4775,
0.5225

■ 0.3580, 0.4563,
0.5437

■ 83.5022, 0.3517,
0.3739

■ 83.5022, 0.3517,
0.3739

■ 78.9163, 0.3701,
0.3935

■ 88.4140, 0.3343,
0.3544

■ 74.6342, 0.3892,
0.4124

■ 93.6506, 0.3182,
0.3356

■ 70.6479, 0.4083,
0.4298

■ 98.4945, 0.3097,
0.3281

■ 66.9446, 0.4265,
0.4444

■ 99.0680, 0.3096,
0.3290

■ 63.5099, 0.4432,
0.4553

■ 60.3275, 0.4573,
0.4617

■ 57.3779, 0.4683,
0.4630

■ 55.5938, 0.4740,
0.4618

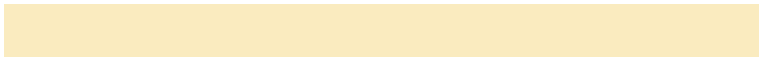
Harmonies

Analogous

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



83.5022, 0.3648, 0.3599



83.5022, 0.3517, 0.3739



83.5022, 0.3283, 0.3758

Triad

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



83.5022, 0.3517, 0.3739



83.5022, 0.2646, 0.3156



83.5022, 0.3224, 0.2978

Complementary

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



83.5022, 0.3517, 0.3739



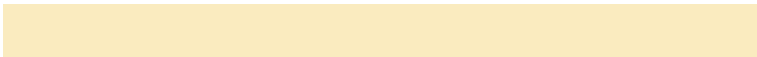
62.1493, 0.2737, 0.2797

Split Complementary

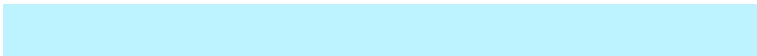
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5022, 0.2955, 0.2865



83.5022, 0.3517, 0.3739



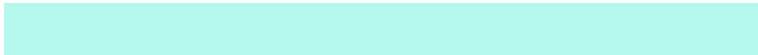
83.5022, 0.2631, 0.2956

Square

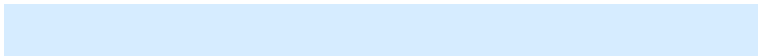
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5022, 0.3517, 0.3739



83.5022, 0.2784, 0.3408



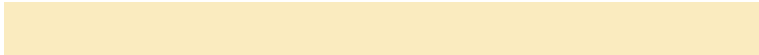
83.5022, 0.2741, 0.2854



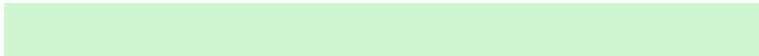
83.5022, 0.3476, 0.3166

Rectangle

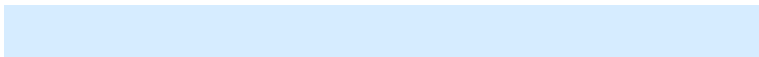
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.5022, 0.3517, 0.3739



83.5022, 0.3104, 0.3691



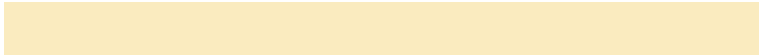
83.5022, 0.2741, 0.2854



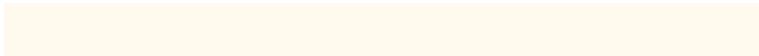
83.5022, 0.3133, 0.2930

Sweetspot

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



83.5060, 0.3517, 0.3739



96.0371, 0.3235, 0.3419



62.0935, 0.3489, 0.3127



20.4845, 0.3245, 0.3430



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.



83.5060, 0.3517, 0.3739



85.1664, 0.3598, 0.3826



90.0242, 0.3391, 0.3900



19.3984, 0.3275, 0.3466



29.7257, 0.4729, 0.4627



2.9225, 0.4651, 0.4689

Inverse Universe

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



62.1493, 0.2737, 0.2797



59.5003, 0.2657, 0.2689



57.1252, 0.2819, 0.2640



17.3613, 0.2979, 0.3108



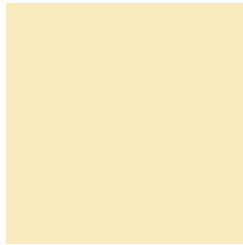
5.7795, 0.1582, 0.0895



0.6975, 0.1644, 0.1116

Previews

White Background



This preview shows how the Yxy color 83.5022, 0.3517, 0.3739 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 83.5022, 0.3517, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

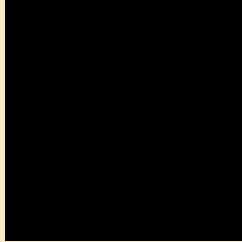
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.5022, 0.3517, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 83.5022, 0.3517, 0.3739.

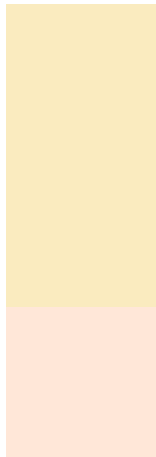


This preview shows how white text looks on a background with the Yxy color 83.5022, 0.3517, 0.3739.

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

83.5022, 0.3517, 0.3739

Protanopia

83.5022, 0.3517, 0.3739

Deuteranopia

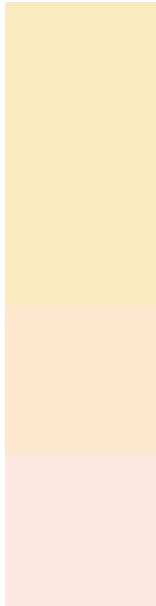
83.3697, 0.3393, 0.3441



Tritanopia

83.2785, 0.3210, 0.3134

Trichromacy



Original Color

83.5022, 0.3517, 0.3739

Protanomaly

83.5022, 0.3517, 0.3739

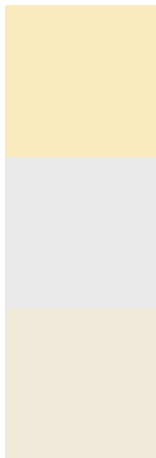
Deuteranomaly

83.1009, 0.3438, 0.3543

Tritanomaly

83.4707, 0.3318, 0.3350

Monochromacy



Original Color

83.5022, 0.3517, 0.3739

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.4329, 0.3270, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.5022, 0.3517, 0.3739 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(250, 235, 191)` looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 191)  
}
```

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(250, 235, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 191) }
```

Border

The CSS property to change the border of an element to Yxy 83.5022, 0.3517, 0.3739 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(250, 235, 191) }
```

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

```
.border{ border-color:rgb(250, 235, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 235, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 235, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 235, 191);  
box-shadow:4px 4px 4px 4px rgb(250, 235,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 83.5022, 0.3517, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 235, 191) }
```

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

```
.background{ background-color: rgb(250,  
235, 191) }
```

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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