

Converting Colors

$Yxy(90.7397, 0.3436, 0.3984)$

Have a look what the booklet for
Yxy(90.7397, 0.3436, 0.3984)
contains.

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Color

Yxy(90.4596, 0.3436, 0.3981)

Conversions

Conversions Part 1

Format	Color
Hex	EDFBB8
RGB	237, 251, 184
RGB Percent	93%, 98%, 72%
CMY	0.0706, 0.0157, 0.2784
CMYK	0.06, 0.00, 0.27, 0.02
HSL	73°, 89%, 85%
HSV	73°, 27%, 98%
XYZ	78.0757, 90.4596, 58.6931
YIQ	239.1760, 13.1630, -23.8050

Conversions

Conversions Part 2

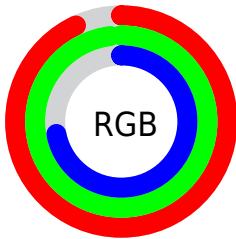
Format	Color
RYB	184, 251, 198
Decimal	15596472
CIELab	96.19, -15.30, 30.66
CIELCh	96, 34.261, 116.516
Yxy	90.4596, 0.3436, 0.3981
Android (android.graphics.Color)	4293786552 (0xFFEDFBB8)
YUV	239.1760, -27.2018, -1.9084
Hunter-Lab	95.1103, -19.9129, 29.9890

Details

The Yxy color **90.4596, 0.3436, 0.3981** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.2532, 0.2760, 0.2541**, and the grayscale version is **86.6723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **50.0190, 0.3504, 0.4136** is the 20% darker color. If you saturate the color by 10%, you get **88.6131, 0.3546, 0.4249**, and if you desaturate by 10%, it is **92.5273, 0.3320, 0.3714**.

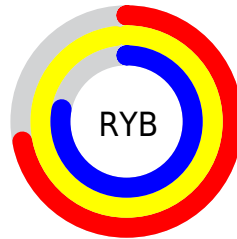
Distribution



Red (93%)

Green (98%)

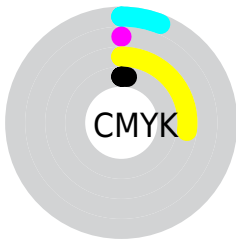
Blue (72%)



Red (72%)

Yellow (98%)

Blue (78%)

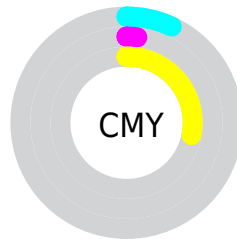


Cyan (6%)

Magenta (0%)

Yellow (27%)

Black (2%)



Cyan (7%)


Magenta (2%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.4596, 0.3436, 0.3981 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 90.4596, 0.3436, 0.3981 by changing the saturation by 10% instead.


 90.4596, 0.3436,
0.3981

 90.4596, 0.3436,
0.3981


529.5248, 0.3305,
0.3667

 68.3619, 0.3463,
0.4051

 147.9766, 0.3393,
0.3873

 50.1922, 0.3495,
0.4137

184.1648, 0.3375,
0.3831

 35.5661, 0.3533,
0.4243


225.8185, 0.3360,
0.3794

 24.0993, 0.3579,
0.4380

273.3222, 0.3346,
0.3762

 15.4073, 0.3633,
0.4559

327.0603, 0.3334,
0.3734

 9.1057, 0.3697,
0.4804

387.4171, 0.3323,

 4.8102, 0.3762,

0.3709

454.7772, 0.3313,
0.3687

0.5152

■ 2.1363, 0.4010,
0.5990

■ 0.6849, 0.2884,
0.7116

■ 90.4596, 0.3436,
0.3981

■ 90.4596, 0.3436,
0.3981

■ 88.6131, 0.3546,
0.4249

■ 92.5273, 0.3320,
0.3714

■ 86.9657, 0.3646,
0.4510

■ 94.8135, 0.3204,
0.3455

■ 85.5103, 0.3730,
0.4750

■ 97.0506, 0.3115,
0.3252

■ 84.2348, 0.3793,
0.4960

■ 97.4770, 0.3129,
0.3252

■ 83.1254, 0.3831,
0.5130

■ 82.1659, 0.3842,
0.5252

■ 81.3361, 0.3829,
0.5329

■ 81.0801, 0.3821,
0.5348

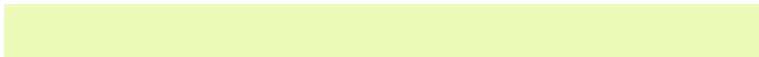
Harmonies

Analogous

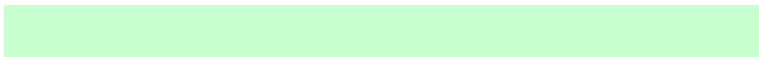
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4596, 0.3746, 0.3891



90.4596, 0.3436, 0.3981



90.4596, 0.3055, 0.3859

Triad

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



90.4596, 0.3436, 0.3981



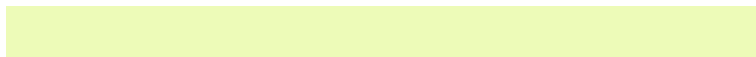
90.4596, 0.2417, 0.2866



90.4596, 0.3545, 0.3039

Complementary

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



90.4596, 0.3436, 0.3981



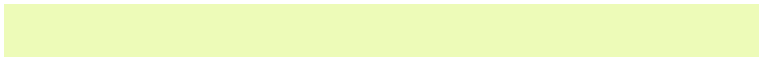
53.2532, 0.2760, 0.2541

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.



90.4596, 0.3163, 0.2802



90.4596, 0.3436, 0.3981



90.4596, 0.2527, 0.2693

Square

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



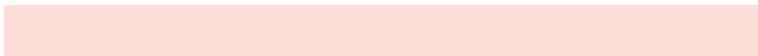
90.4596, 0.3436, 0.3981



90.4596, 0.2480, 0.3176



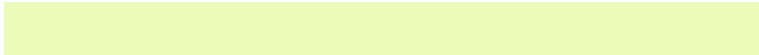
90.4596, 0.2793, 0.2676



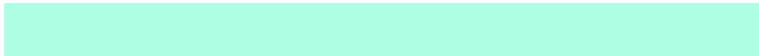
90.4596, 0.3818, 0.3341

Rectangle

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



90.4596, 0.3436, 0.3981



90.4596, 0.2814, 0.3667



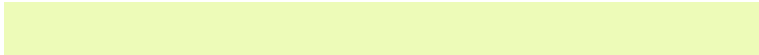
90.4596, 0.2793, 0.2676



90.4596, 0.3424, 0.2950

Sweetspot

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



90.4636, 0.3436, 0.3981



97.9557, 0.3219, 0.3489



64.0867, 0.3669, 0.3433



20.8880, 0.3237, 0.3527



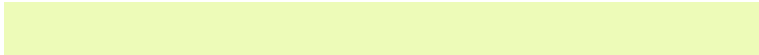
0.0000, 0.0000, 0.0000



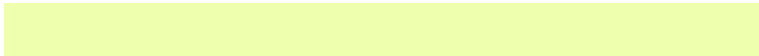
21.4041, 0.3127, 0.3290

Same Dimension

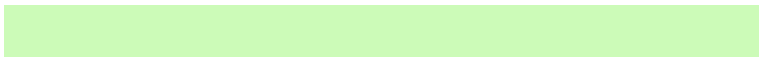
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.4636, 0.3436, 0.3981



92.7217, 0.3496, 0.4125



85.3098, 0.3217, 0.4031



19.9970, 0.3236, 0.3527



42.6821, 0.3828, 0.5343



3.9974, 0.3874, 0.5306

Inverse Universe

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



53.2532, 0.2760, 0.2541



48.2656, 0.2671, 0.2369



58.2204, 0.3004, 0.2592



16.8177, 0.3011, 0.3047



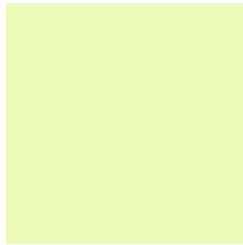
4.1007, 0.1605, 0.0658



0.4230, 0.1711, 0.0716

Previews

White Background



This preview shows how the Yxy color 90.4596, 0.3436, 0.3981 looks on a white background.

Color Contrast Check

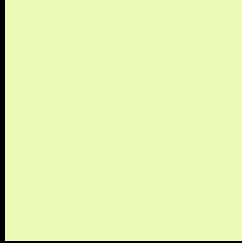
Large Text (above 18pt) WCAG AA × Fail

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 90.4596, 0.3436, 0.3981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

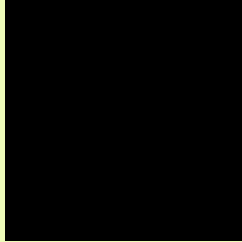
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

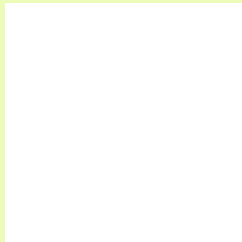
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.4596, 0.3436, 0.3981

Background



This preview shows how black text looks on a background with the Yxy color 90.4596, 0.3436, 0.3981.

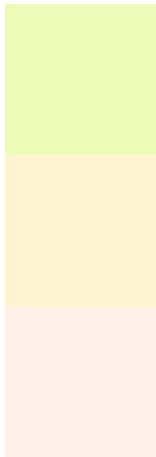


This preview shows how white text looks on a background with the Yxy color 90.4596, 0.3436, 0.3981.

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

90.4596, 0.3436, 0.3981

Protanopia

90.4664, 0.3431, 0.3658

Deuteranopia

89.9968, 0.3276, 0.3379



Tritanopia

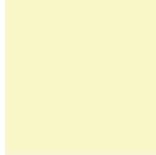
90.3171, 0.3075, 0.3163

Trichromacy



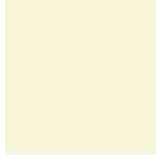
Original Color

90.4596, 0.3436, 0.3981



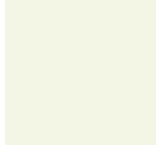
Protanomaly

90.6015, 0.3427, 0.3774



Deuteranomaly

90.1676, 0.3331, 0.3591



Tritanomaly

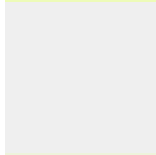
90.0166, 0.3211, 0.3451

Monochromacy



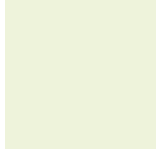
Original Color

90.4596, 0.3436, 0.3981



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.3928, 0.3241, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4596, 0.3436, 0.3981 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(237, 251, 184)` looks like.

```
.text, #text, p{  
    color:rgb(237, 251, 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(237, 251, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 251, 184) }
```

Border

The CSS property to change the border of an element to Yxy 90.4596, 0.3436, 0.3981 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(237, 251, 184) }
```

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

```
.border{ border-color:rgb(237, 251, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 251, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 251, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 251, 184);  
box-shadow:4px 4px 4px 4px rgb(237, 251,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4596, 0.3436, 0.3981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 251, 184) }
```

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

```
.background{ background-color: rgb(237,  
251, 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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