

Converting Colors

$Yxy(86.2634, 0.3561, 0.3977)$

Have a look what the booklet for
Yxy(86.2634, 0.3561, 0.3977)
contains.

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Color

Yxy(86.0513, 0.3561, 0.3967)

Conversions

Conversions Part 1

Format	Color
Hex	F5F2B0
RGB	245, 242, 176
RGB Percent	96%, 95%, 69%
CMY	0.0392, 0.0510, 0.3097
CMYK	0.00, 0.01, 0.28, 0.04
HSL	57°, 78%, 83%
HSV	57°, 28%, 96%
XYZ	77.2444, 86.0513, 53.6221
YIQ	235.3730, 22.9740, -19.8900

Conversions

Conversions Part 2

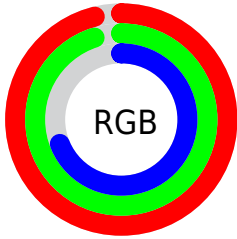
Format	Color
RYB	179, 245, 176
Decimal	16118448
CIELab	94.33, -8.98, 32.29
CIELCh	94, 33.516, 105.536
Yxy	86.0513, 0.3561, 0.3967
Android (android.graphics.Color)	4294308528 (0xFFFF5F2B0)
YUV	235.3730, -29.2709, 8.4429
Hunter-Lab	92.7638, -13.6998, 30.6621

Details

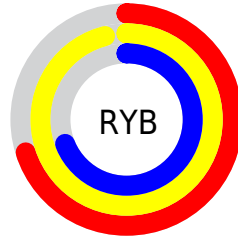
The Yxy color **86.0513, 0.3561, 0.3967** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **48.0676, 0.2637, 0.2509**, and the grayscale version is **83.5939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **47.2392, 0.3649, 0.4116** is the 20% darker color. If you saturate the color by 10%, you get **84.5415, 0.3715, 0.4203**, and if you desaturate by 10%, it is **87.7476, 0.3404, 0.3724**.

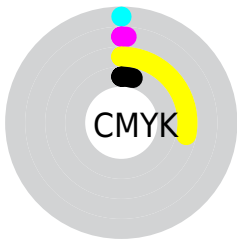
Distribution



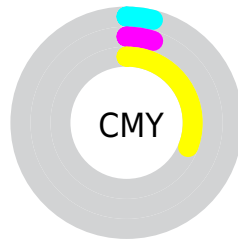
- Red (96%)
- Green (95%)
- Blue (69%)



- Red (70%)
- Yellow (96%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0513, 0.3561, 0.3967 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 86.0513, 0.3561, 0.3967 by changing the saturation by 10% instead.

 86.0513, 0.3561,
0.3967

 86.0513, 0.3561,
0.3967


515.1004, 0.3371,
0.3660

 64.7104, 0.3601,
0.4035

 141.8411, 0.3498,
0.3862

 47.2263, 0.3649,
0.4118


177.0587, 0.3472,
0.3821

 33.2146, 0.3707,
0.4220


217.6708, 0.3450,
0.3785

 22.2909, 0.3778,
0.4351

264.0616, 0.3431,
0.3754

 14.0708, 0.3866,
0.4520

316.6155, 0.3413,
0.3726

 8.1699, 0.3974,
0.4746

375.7171, 0.3398,

 4.2039, 0.4112,

0.3702

441.7505, 0.3384,
0.3680

0.5072

■ 1.7882, 0.4343,
0.5657

■ 0.4798, 0.3305,
0.6695

■ 86.0513, 0.3561,
0.3967

■ 86.0513, 0.3561,
0.3967

■ 84.5415, 0.3715,
0.4203

■ 87.7476, 0.3404,
0.3724

■ 83.1970, 0.3860,
0.4422


■ 89.6274, 0.3249,
0.3482

■ 82.0115, 0.3989,
0.4615

■ 91.7027, 0.3100,
0.3247


■ 80.9735, 0.4098,
0.4772

■ 92.6951, 0.3068,
0.3205


 80.0699, 0.4181,
0.4887


 93.3431, 0.3067,
0.3215

 79.2854, 0.4237,
0.4957

 93.9948, 0.3067,
0.3225

 78.5987, 0.4268,
0.4987

 94.6502, 0.3067,
0.3236

 78.4769, 0.4272,
0.4990

 95.3094, 0.3067,
0.3246

 95.9722, 0.3066,
0.3256

Harmonies

Analogous

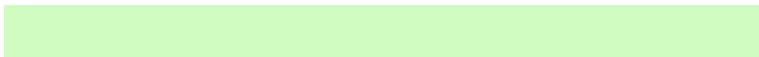
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0513, 0.3819, 0.3813



86.0513, 0.3561, 0.3967



86.0513, 0.3196, 0.3925

Triad

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



86.0513, 0.3561, 0.3967



86.0513, 0.2423, 0.2967



86.0513, 0.3410, 0.2943

Complementary

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



86.0513, 0.3561, 0.3967



48.0676, 0.2637, 0.2509

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.



86.0513, 0.3021, 0.2744



86.0513, 0.3561, 0.3967



86.0513, 0.2470, 0.2741

Square

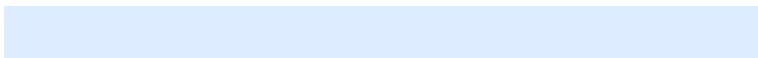
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0513, 0.3561, 0.3967



86.0513, 0.2549, 0.3311



86.0513, 0.2682, 0.2668



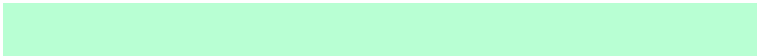
86.0513, 0.3735, 0.3226

Rectangle

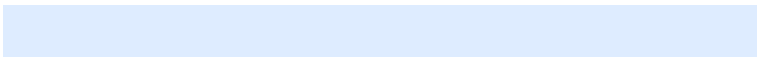
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0513, 0.3561, 0.3967



86.0513, 0.2944, 0.3779



86.0513, 0.2682, 0.2668



86.0513, 0.3282, 0.2865

Sweetspot

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



86.0552, 0.3561, 0.3967



98.1928, 0.3247, 0.3479



53.7437, 0.3716, 0.3254



20.9479, 0.3270, 0.3515



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

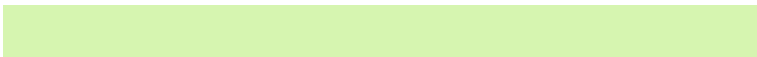
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0552, 0.3561, 0.3967



93.2466, 0.3653, 0.4108



82.7257, 0.3337, 0.4047



19.1833, 0.3270, 0.3514



42.3346, 0.4271, 0.4991



3.7582, 0.4260, 0.4999

Inverse Universe

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



48.0676, 0.2637, 0.2509



45.1033, 0.2516, 0.2315



50.9247, 0.2861, 0.2523



16.0417, 0.2979, 0.3056



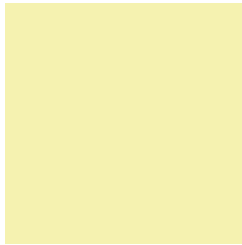
3.7265, 0.1508, 0.0627



0.3673, 0.1526, 0.0694

Previews

White Background



This preview shows how the Yxy color 86.0513, 0.3561, 0.3967 looks on a white background.

Color Contrast Check

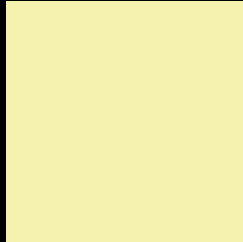
Large Text (above 18pt) WCAG AA × Fail

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 86.0513, 0.3561, 0.3967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

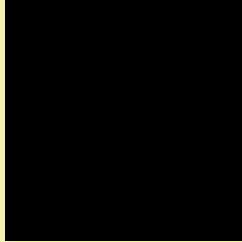
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.0513, 0.3561, 0.3967

Background



This preview shows how black text looks on a background with the Yxy color 86.0513, 0.3561, 0.3967.

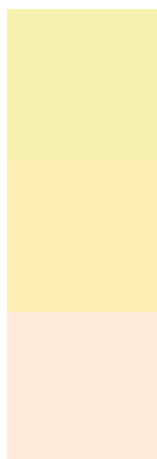


This preview shows how white text looks on a background with the Yxy color 86.0513, 0.3561, 0.3967.

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

86.0513, 0.3561, 0.3967

Protanopia

85.7453, 0.3612, 0.3863

Deuteranopia

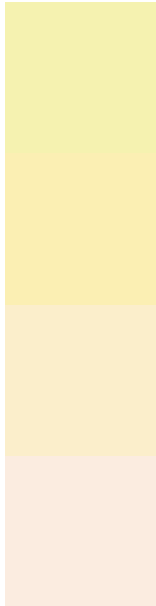
85.7911, 0.3367, 0.3450



Tritanopia

85.7491, 0.3156, 0.3106

Trichromacy



Original Color

86.0513, 0.3561, 0.3967

Protanomaly

85.4969, 0.3593, 0.3899

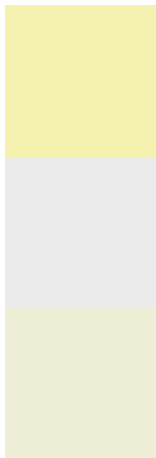
Deuteranomaly

85.9701, 0.3439, 0.3644

Tritanomaly

85.8820, 0.3305, 0.3410

Monochromacy



Original Color

86.0513, 0.3561, 0.3967

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

84.3548, 0.3284, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0513, 0.3561, 0.3967 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, 242, 176)` looks like.

```
.text, #text, p{  
    color:rgb(245, 242, 176)  
}
```

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, 242, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 242, 176) }
```

Border

The CSS property to change the border of an element to Yxy 86.0513, 0.3561, 0.3967 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, 242, 176) }
```

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

```
.border{ border-color:rgb(245, 242, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 242, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 242, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 242, 176);  
box-shadow:4px 4px 4px 4px rgb(245, 242,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0513, 0.3561, 0.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 242, 176) }
```

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

```
.background{ background-color: rgb(245,  
242, 176) }
```

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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