

Converting Colors

$Yxy(86.9434, 0.3258, 0.3555)$

Have a look what the booklet for
Yxy(86.9434, 0.3258, 0.3555)
contains.

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Color

Yxy(86.6912, 0.3254, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	EEF2D9
RGB	238, 242, 217
RGB Percent	93%, 95%, 85%
CMY	0.0668, 0.0509, 0.1490
CMYK	0.02, 0.00, 0.10, 0.05
HSL	70°, 49%, 90%
HSV	70°, 10%, 95%
XYZ	79.5301, 86.6912, 78.1858
YIQ	237.9540, 5.6410, -8.6230

Conversions

Conversions Part 2

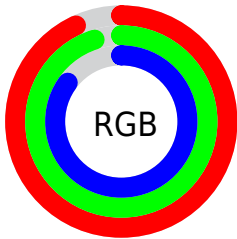
Format	Color
R _Y B	217, 242, 221
Decimal	15659737
CIE Lab	94.61, -5.60, 11.61
CIE LCh	95, 12.884, 115.740
Yxy	86.6912, 0.3254, 0.3547
Android (android.graphics.Color)	4293849817 (0xFFEEF2D9)
YUV	237.9540, -10.3303, 0.0403
Hunter-Lab	93.1081, -10.4700, 15.3880

Details

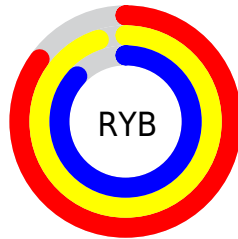
The Yxy color **86.6912, 0.3254, 0.3547** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.4153, 0.2993, 0.3024**, and the grayscale version is **85.5406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.6715, 0.3282, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **84.8578, 0.3379, 0.3807**, and if you desaturate by 10%, it is **88.7315, 0.3131, 0.3298**.

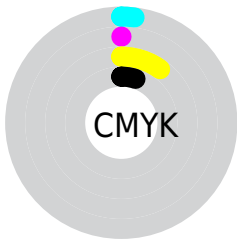
Distribution



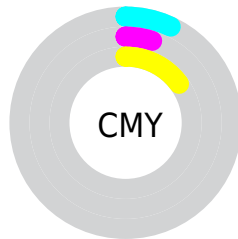
- Red (93%)
- Green (95%)
- Blue (85%)



- Red (85%)
- Yellow (95%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)





- Cyan (7%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.6912, 0.3254, 0.3547 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 86.6912, 0.3254, 0.3547 by changing the saturation by 10% instead.


 86.6912, 0.3254,
0.3547

 86.6912, 0.3254,
0.3547


517.2076, 0.3198,
0.3431

 65.2397, 0.3266,
0.3573


142.7336, 0.3235,
0.3507

 47.6555, 0.3281,
0.3605


178.0934, 0.3227,
0.3491

 33.5541, 0.3300,
0.3645


218.8580, 0.3221,
0.3478

 22.5513, 0.3323,
0.3697

265.4118, 0.3215,
0.3466

 14.2625, 0.3354,
0.3766

318.1393, 0.3210,
0.3456

 8.3035, 0.3396,
0.3863

377.4248, 0.3205,

 4.2897, 0.3457,

0.3446

0.4009

443.6528, 0.3201,
0.3438

■ 1.8369, 0.3549,
0.4253

■ 0.5100, 0.4057,
0.5943

■ 86.6912, 0.3254,
0.3547

■ 86.6912, 0.3254,
0.3547

■ 84.8578, 0.3379,
0.3807

■ 88.7315, 0.3131,
0.3298

■ 83.2119, 0.3501,
0.4071

■ 90.2867, 0.3074,
0.3163

■ 81.7485, 0.3617,
0.4331

■ 90.9997, 0.3099,
0.3164

■ 80.4583, 0.3720,
0.4578

■ 91.7276, 0.3124,
0.3165

■ 79.3310, 0.3806,
0.4799

■ 91.9922, 0.3133,
0.3166

■ 78.3550, 0.3869,
0.4985

■ 77.5172, 0.3906,
0.5128

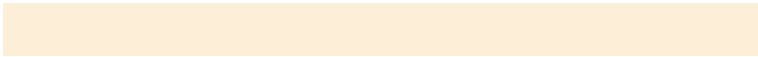
■ 76.8020, 0.3917,
0.5225

■ 76.2022, 0.3906,
0.5280

Harmonies

Analogous

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



86.6912, 0.3368, 0.3522



86.6912, 0.3254, 0.3547



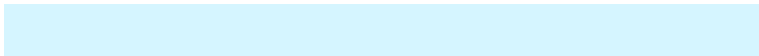
86.6912, 0.3108, 0.3500

Triad

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



86.6912, 0.3254, 0.3547



86.6912, 0.2846, 0.3135



86.6912, 0.3284, 0.3190

Complementary

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



86.6912, 0.3254, 0.3547



71.4153, 0.2993, 0.3024

Split Complementary

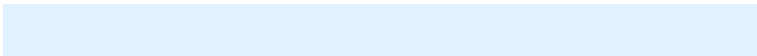
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6912, 0.3141, 0.3093



86.6912, 0.3254, 0.3547



86.6912, 0.2890, 0.3059

Square

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



86.6912, 0.3254, 0.3547



86.6912, 0.2875, 0.3257



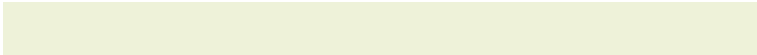
86.6912, 0.2997, 0.3045



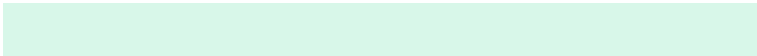
86.6912, 0.3386, 0.3314

Rectangle

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



86.6912, 0.3254, 0.3547



86.6912, 0.3013, 0.3433



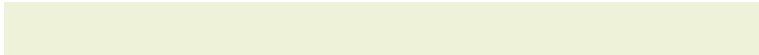
86.6912, 0.2997, 0.3045



86.6912, 0.3239, 0.3153

Sweetspot

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



86.6950, 0.3254, 0.3547



99.2836, 0.3164, 0.3363



75.4714, 0.3306, 0.3330



21.2106, 0.3173, 0.3383



0.0000, 0.0000, 0.0000



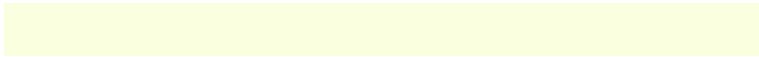
21.4041, 0.3127, 0.3290

Same Dimension

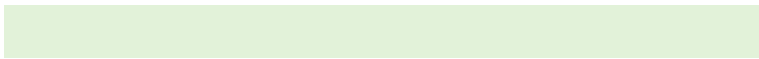
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6950, 0.3254, 0.3547



97.2589, 0.3275, 0.3591



84.6511, 0.3172, 0.3553



18.3224, 0.3243, 0.3525



40.9819, 0.3911, 0.5276



3.4435, 0.3950, 0.5245

Inverse Universe

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



71.4153, 0.2993, 0.3024



77.4604, 0.2968, 0.2977



73.4046, 0.3077, 0.3031



15.3512, 0.3005, 0.3048



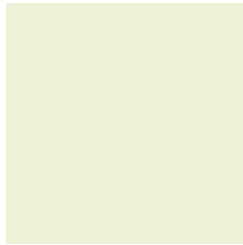
3.7145, 0.1569, 0.0638



0.3449, 0.1675, 0.0697

Previews

White Background



This preview shows how the Yxy color 86.6912, 0.3254, 0.3547 looks on a white background.

Color Contrast Check

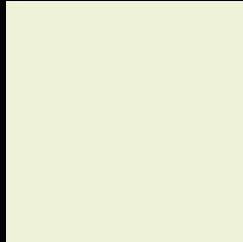
Large Text (above 18pt) WCAG AA × Fail

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 86.6912, 0.3254, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

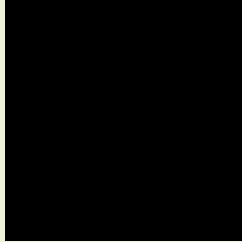
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

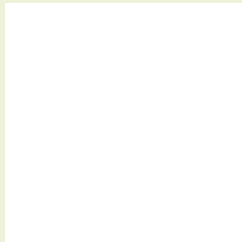
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.6912, 0.3254, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 86.6912, 0.3254, 0.3547.

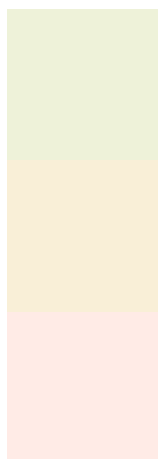


This preview shows how white text looks on a background with the Yxy color 86.6912, 0.3254, 0.3547.

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

86.6912, 0.3254, 0.3547

Protanopia

86.7790, 0.3346, 0.3532

Deuteranopia

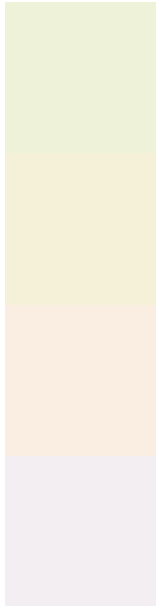
86.3898, 0.3295, 0.3340



Tritanopia

86.4440, 0.3064, 0.3103

Trichromacy



Original Color

86.6912, 0.3254, 0.3547

Protanomaly

86.6905, 0.3310, 0.3534

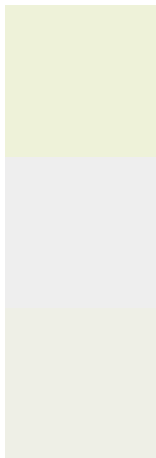
Deuteranomaly

86.7251, 0.3283, 0.3421

Tritanomaly

86.3772, 0.3135, 0.3260

Monochromacy



Original Color

86.6912, 0.3254, 0.3547

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.6233, 0.3176, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.6912, 0.3254, 0.3547 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(238, 242, 217)` looks like.

```
.text, #text, p{  
    color:rgb(238, 242, 217)  
}
```

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(238, 242, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 242, 217) }
```

Border

The CSS property to change the border of an element to Yxy 86.6912, 0.3254, 0.3547 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(238, 242, 217) }
```

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

```
.border{ border-color:rgb(238, 242, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 242, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 242, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 242, 217);  
box-shadow:4px 4px 4px 4px rgb(238, 242,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 86.6912, 0.3254, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 242, 217) }
```

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

```
.background{ background-color: rgb(238,  
242, 217) }
```

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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