

Converting Colors

$Yxy(86.0703, 0.3235, 0.3541)$

Have a look what the booklet for
Yxy(86.0703, 0.3235, 0.3541)
contains.

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Color

Yxy(86.1762, 0.3234, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	EBF2D9
RGB	235, 242, 217
RGB Percent	92%, 95%, 85%
CMY	0.0783, 0.0510, 0.1489
CMYK	0.03, 0.00, 0.10, 0.05
HSL	77°, 49%, 90%
HSV	77°, 10%, 95%
XYZ	78.5496, 86.1762, 78.1609
YIQ	237.0570, 3.8530, -9.2590

Conversions

Conversions Part 2

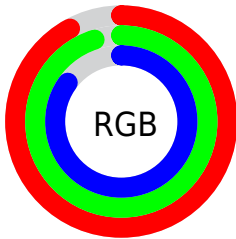
Format	Color
R _Y B	217, 242, 224
Decimal	15463129
CIE Lab	94.39, -6.59, 11.25
CIE LCh	94, 13.037, 120.383
Yxy	86.1762, 0.3234, 0.3548
Android (android.graphics.Color)	4293653209 (0xFFEBF2D9)
YUV	237.0570, -9.8881, -1.8040
Hunter-Lab	92.8311, -11.4158, 15.0615

Details

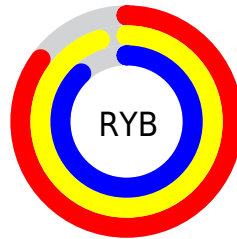
The Yxy color **86.1762, 0.3234, 0.3548** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.8990, 0.3013, 0.3026**, and the grayscale version is **84.8174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3102, 0.3256, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **83.8848, 0.3338, 0.3813**, and if you desaturate by 10%, it is **88.7033, 0.3130, 0.3298**.

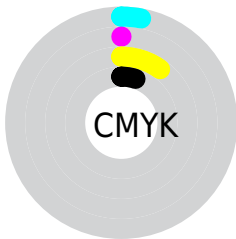
Distribution



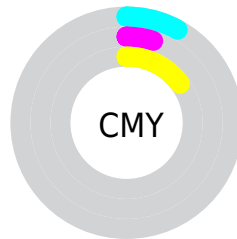
- Red (92%)
- Green (95%)
- Blue (85%)



- Red (85%)
- Yellow (95%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)




- Cyan (8%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.1762, 0.3234, 0.3548 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 86.1762, 0.3234, 0.3548 by changing the saturation by 10% instead.


 86.1762, 0.3234,
0.3548

 86.1762, 0.3234,
0.3548


515.5120, 0.3187,
0.3431

 64.8137, 0.3244,
0.3574


142.0153, 0.3218,
0.3508

 47.3100, 0.3257,
0.3607


177.2608, 0.3212,
0.3492

 33.2808, 0.3272,
0.3647


217.9026, 0.3206,
0.3478

 22.3416, 0.3292,
0.3699

264.3253, 0.3201,
0.3466

 14.1082, 0.3317,
0.3770

316.9132, 0.3197,
0.3456

 8.1959, 0.3352,
0.3869

376.0506, 0.3193,

 4.2206, 0.3402,

0.3447

0.4019

442.1221, 0.3190,
0.3438

■ 1.7977, 0.3477,
0.4271

■ 0.4857, 0.3824,
0.6176

■ 86.1762, 0.3234,
0.3548

■ 86.1762, 0.3234,
0.3548

■ 83.8848, 0.3338,
0.3813

■ 88.7033, 0.3130,
0.3298

■ 81.8093, 0.3440,
0.4087

■ 90.7726, 0.3091,
0.3164

■ 79.9445, 0.3534,
0.4361

■ 91.9800, 0.3133,
0.3165

■ 78.2805, 0.3616,
0.4627

■ 76.8067, 0.3681,
0.4871

■ 75.5110, 0.3722,
0.5082

■ 74.3800, 0.3739,
0.5250

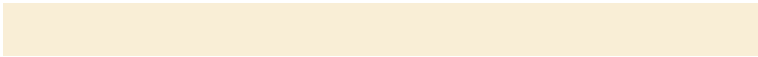
■ 73.3976, 0.3730,
0.5369

■ 72.5622, 0.3701,
0.5444

Harmonies

Analogous

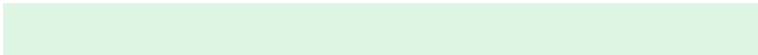
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1762, 0.3357, 0.3534



86.1762, 0.3234, 0.3548



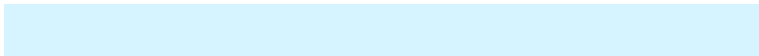
86.1762, 0.3085, 0.3489

Triad

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



86.1762, 0.3234, 0.3548



86.1762, 0.2844, 0.3118



86.1762, 0.3306, 0.3207

Complementary

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



86.1762, 0.3234, 0.3548



71.8990, 0.3013, 0.3026

Split Complementary

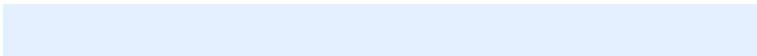
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1762, 0.3165, 0.3102



86.1762, 0.3234, 0.3548



86.1762, 0.2900, 0.3049

Square

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



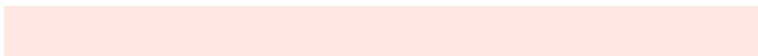
86.1762, 0.3234, 0.3548



86.1762, 0.2862, 0.3236



86.1762, 0.3016, 0.3045



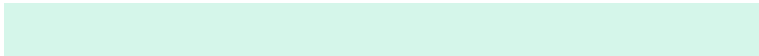
86.1762, 0.3399, 0.3334

Rectangle

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



86.1762, 0.3234, 0.3548



86.1762, 0.2991, 0.3416



86.1762, 0.3016, 0.3045



86.1762, 0.3262, 0.3168

Sweetspot

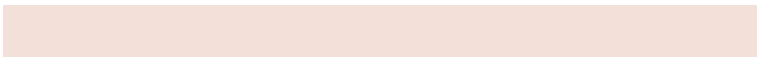
The Sweet Spot groups the original color and five complimentary colors.



86.1799, 0.3234, 0.3548



99.1149, 0.3158, 0.3363



77.0320, 0.3302, 0.3360



21.1649, 0.3166, 0.3383



0.0000, 0.0000, 0.0000



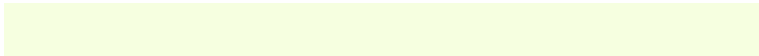
21.4041, 0.3127, 0.3290

Same Dimension

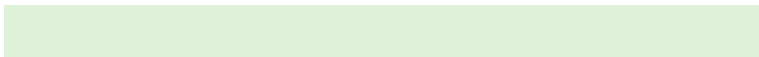
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1799, 0.3234, 0.3548



96.6019, 0.3252, 0.3593



84.1768, 0.3153, 0.3554



18.2248, 0.3225, 0.3526



39.0555, 0.3709, 0.5437



3.2986, 0.3775, 0.5385

Inverse Universe

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



71.8990, 0.3013, 0.3026



78.0581, 0.2992, 0.2979



73.9152, 0.3098, 0.3033



15.4419, 0.3023, 0.3049



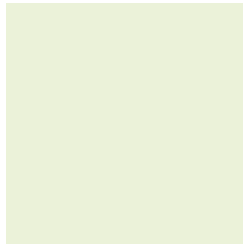
4.1521, 0.1677, 0.0697



0.3935, 0.1812, 0.0772

Previews

White Background



This preview shows how the Yxy color 86.1762, 0.3234, 0.3548 looks on a white background.

Color Contrast Check

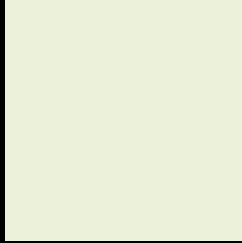
Large Text (above 18pt) WCAG AA × Fail

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 86.1762, 0.3234, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

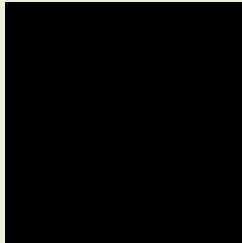
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

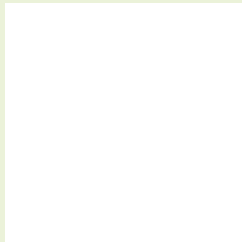
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.1762, 0.3234, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 86.1762, 0.3234, 0.3548.

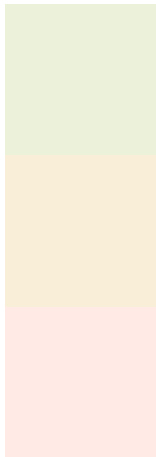


This preview shows how white text looks on a background with the Yxy color 86.1762, 0.3234, 0.3548.

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



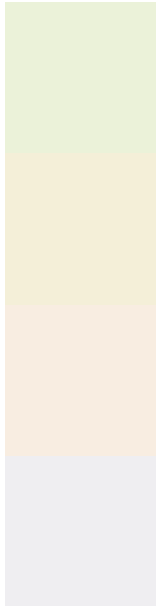
Original Color
86.1762, 0.3234, 0.3548
Protanopia
86.1951, 0.3347, 0.3522
Deuteranopia
85.7628, 0.3303, 0.3340



Tritanopia

85.9117, 0.3044, 0.3102

Trichromacy



Original Color

86.1762, 0.3234, 0.3548

Protanomaly

85.9240, 0.3305, 0.3524

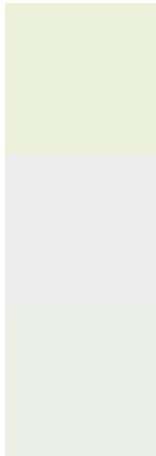
Deuteranomaly

85.9611, 0.3277, 0.3411

Tritanomaly

85.8507, 0.3115, 0.3260

Monochromacy



Original Color

86.1762, 0.3234, 0.3548

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.2790, 0.3163, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1762, 0.3234, 0.3548 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(235, 242, 217)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 242, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 242, 217) }
```

Border

The CSS property to change the border of an element to Yxy 86.1762, 0.3234, 0.3548 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(235, 242, 217) }
```

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

```
.border{ border-color:rgb(235, 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(235, 242, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 242, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 242, 217);  
box-shadow:4px 4px 4px 4px rgb(235, 242,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1762, 0.3234, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 242, 217) }
```

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

```
.background{ background-color: rgb(235,  
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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