

Converting Colors

Yxy(86.1543, 0.3176, 0.3599)

Have a look what the booklet for
Yxy(86.1543, 0.3176, 0.3599)
contains.

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Color

Yxy(86.2187, 0.3177, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	E1F5D7
RGB	225, 245, 215
RGB Percent	88%, 96%, 84%
CMY	0.1178, 0.0392, 0.1569
CMYK	0.08, 0.00, 0.12, 0.04
HSL	100°, 60%, 90%
HSV	100°, 12%, 96%
XYZ	75.9614, 86.2187, 76.9178
YIQ	235.6000, -2.2900, -13.5700

Conversions

Conversions Part 2

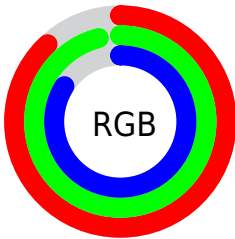
Format	Color
R _Y B	215, 245, 235
Decimal	14808535
CIE Lab	94.41, -11.88, 12.23
CIE LCh	94, 17.054, 134.171
Yxy	86.2187, 0.3177, 0.3606
Android (android.graphics.Color)	4292998615 (0xFFE1F5D7)
YUV	235.6000, -10.1558, -9.2962
Hunter-Lab	92.8540, -16.4685, 15.8836

Details

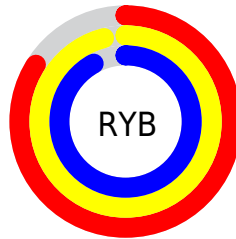
The Yxy color **86.2187, 0.3177, 0.3606** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.8543, 0.3071, 0.2981**, and the grayscale version is **83.6377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4793, 0.3191, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **82.5525, 0.3215, 0.3893**, and if you desaturate by 10%, it is **90.3326, 0.3136, 0.3345**.

Distribution



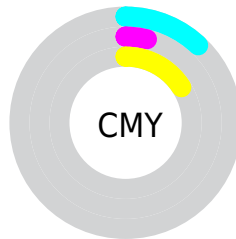
- Red (88%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (92%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)





- Cyan (12%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.2187, 0.3177, 0.3606 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 86.2187, 0.3177, 0.3606 by changing the saturation by 10% instead.


 86.2187, 0.3177,
0.3606

 86.2187, 0.3177,
0.3606


515.6521, 0.3156,
0.3461

 64.8488, 0.3181,
0.3639


142.0746, 0.3170,
0.3556

 47.3385, 0.3186,
0.3679


177.3295, 0.3167,
0.3537

 33.3033, 0.3193,
0.3730


217.9815, 0.3165,
0.3520

 22.3589, 0.3200,
0.3795

264.4150, 0.3163,
0.3505

 14.1209, 0.3209,
0.3884

317.0144, 0.3161,
0.3492

 8.2048, 0.3220,
0.4010

376.1641, 0.3159,

 4.2263, 0.3232,

0.3481

0.4203

442.2486, 0.3157,
0.3471

■ 1.8009, 0.3243,
0.4537

■ 0.4877, 0.2624,
0.7376

■ 86.2187, 0.3177,
0.3606

■ 86.2187, 0.3177,
0.3606

■ 82.5525, 0.3215,
0.3893

■ 90.3326, 0.3136,
0.3345

■ 79.3076, 0.3249,
0.4201

■ 93.7936, 0.3132,
0.3195

■ 76.4712, 0.3276,
0.4523

■ 74.0260, 0.3291,
0.4846

■ 71.9530, 0.3293,
0.5153

■ 70.2317, 0.3278,
0.5426

■ 68.8389, 0.3246,
0.5644

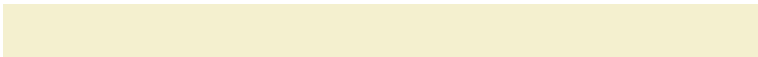
■ 67.7482, 0.3201,
0.5797

■ 67.0845, 0.3160,
0.5873

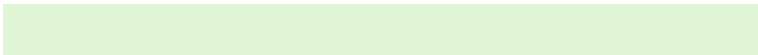
Harmonies

Analogous

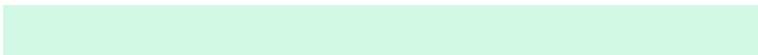
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2187, 0.3360, 0.3630



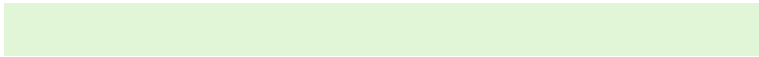
86.2187, 0.3177, 0.3606



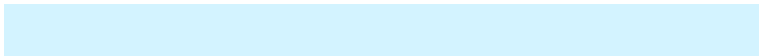
86.2187, 0.2985, 0.3489

Triad

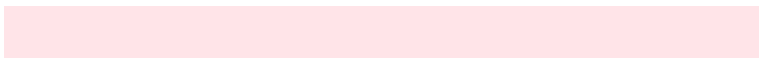
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2187, 0.3177, 0.3606



86.2187, 0.2781, 0.3014



86.2187, 0.3428, 0.3255

Complementary

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



86.2187, 0.3177, 0.3606



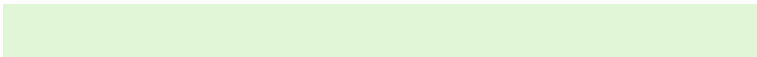
72.8543, 0.3071, 0.2981

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.



86.2187, 0.3265, 0.3103



86.2187, 0.3177, 0.3606



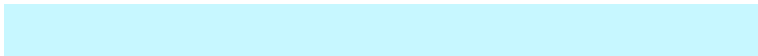
86.2187, 0.2892, 0.2964

Square

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



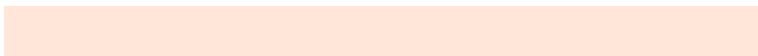
86.2187, 0.3177, 0.3606



86.2187, 0.2760, 0.3140



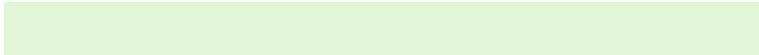
86.2187, 0.3068, 0.2998



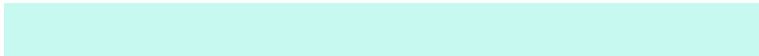
86.2187, 0.3509, 0.3421

Rectangle

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



86.2187, 0.3177, 0.3606



86.2187, 0.2877, 0.3376



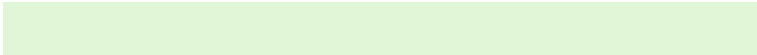
86.2187, 0.3068, 0.2998



86.2187, 0.3381, 0.3201

Sweetspot

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



86.2224, 0.3177, 0.3606



98.0920, 0.3144, 0.3389



83.7403, 0.3323, 0.3495



20.9208, 0.3147, 0.3408



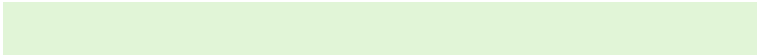
0.0000, 0.0000, 0.0000



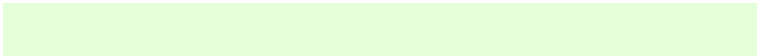
21.4041, 0.3127, 0.3290

Same Dimension

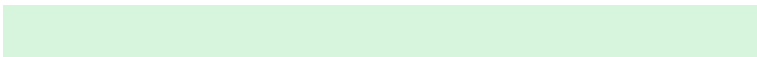
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2224, 0.3177, 0.3606



93.2524, 0.3188, 0.3683



84.9254, 0.3083, 0.3557



18.7397, 0.3166, 0.3531



36.2023, 0.3170, 0.5865



3.2357, 0.3265, 0.5790

Inverse Universe

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



72.8543, 0.3071, 0.2981



75.6435, 0.3056, 0.2907



74.3009, 0.3175, 0.3037



16.4761, 0.3085, 0.3053



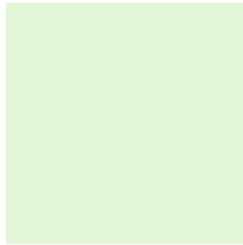
7.8546, 0.2385, 0.1087



0.7463, 0.2489, 0.1145

Previews

White Background



This preview shows how the Yxy color 86.2187, 0.3177, 0.3606 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 86.2187, 0.3177, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

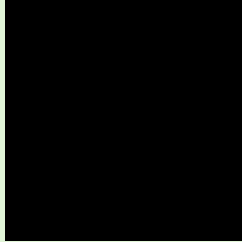
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

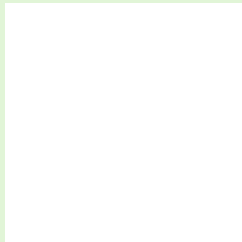
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.2187, 0.3177, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 86.2187, 0.3177, 0.3606.

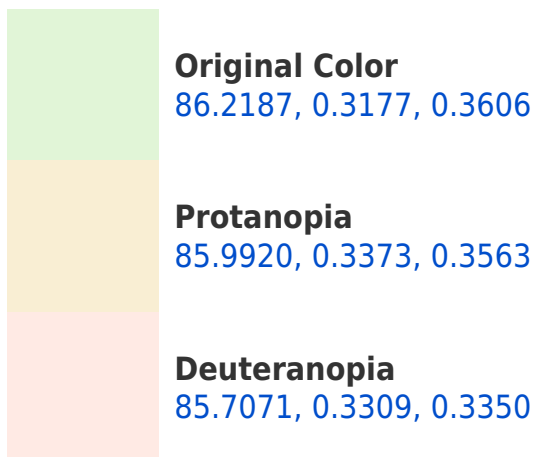


This preview shows how white text looks on a background with the Yxy color 86.2187, 0.3177, 0.3606.

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

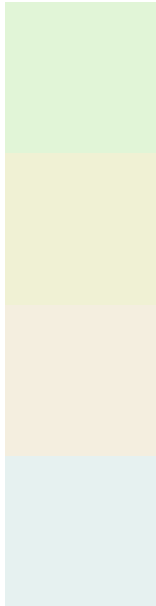




Tritanopia

86.2766, 0.2993, 0.3129

Trichromacy



Original Color

86.2187, 0.3177, 0.3606

Protanomaly

86.1893, 0.3300, 0.3588

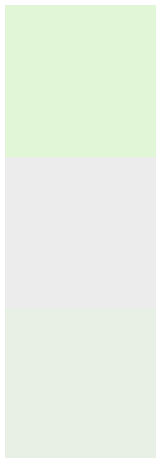
Deuteranomaly

85.7099, 0.3261, 0.3442

Tritanomaly

86.0249, 0.3062, 0.3300

Monochromacy



Original Color

86.2187, 0.3177, 0.3606

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.4902, 0.3148, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2187, 0.3177, 0.3606 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(225, 245, 215)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 215)  
}
```

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(225, 245, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 215) }
```

Border

The CSS property to change the border of an element to Yxy 86.2187, 0.3177, 0.3606 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(225, 245, 215) }
```

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

```
.border{ border-color:rgb(225, 245, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 245, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 245, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 245, 215); box-shadow:4px 4px 4px 4px rgb(225, 245, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2187, 0.3177, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 245, 215) }
```

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

```
.background{ background-color: rgb(225,  
245, 215) }
```

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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