

Converting Colors

Yxy(86.2151, 0.3224, 0.3714)

Have a look what the booklet for
Yxy(86.2151, 0.3224, 0.3714)
contains.

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Color

Yxy(86.2151, 0.3224, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	E0F6CE
RGB	224, 246, 206
RGB Percent	88%, 96%, 81%
CMY	0.1215, 0.0353, 0.1922
CMYK	0.09, 0.00, 0.16, 0.04
HSL	93°, 69%, 89%
HSV	93°, 16%, 96%
XYZ	74.8405, 86.2151, 71.0799
YIQ	234.8620, -0.2720, -17.1040

Conversions

Conversions Part 2

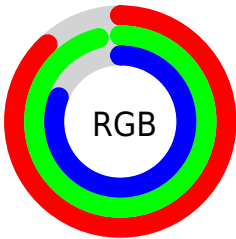
Format	Color
R _Y B	206, 246, 228
Decimal	14743246
CIE Lab	94.40, -14.17, 16.86
CIE LCh	94, 22.020, 130.054
Yxy	86.2151, 0.3224, 0.3714
Android (android.graphics.Color)	4292933326 (0xFFE0F6CE)
YUV	234.8620, -14.2290, -9.5260
Hunter-Lab	92.8521, -18.6169, 19.6089

Details

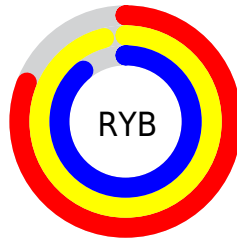
The Yxy color **86.2151, 0.3224, 0.3714** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.2788, 0.3015, 0.2870**, and the grayscale version is **83.0820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.5289, 0.3243, 0.3811** is the 20% darker color. If you saturate the color by 10%, you get **83.0411, 0.3281, 0.4003**, and if you desaturate by 10%, it is **89.7552, 0.3165, 0.3446**.

Distribution



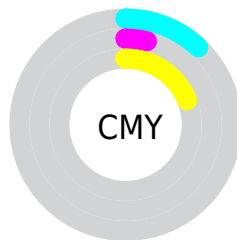
- Red (88%)
- Green (96%)
- Blue (81%)



- Red (81%)
- Yellow (96%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)





- Cyan (12%)
- Magenta (4%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.2151, 0.3224, 0.3714 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 86.2151, 0.3224, 0.3714 by changing the saturation by 10% instead.


 86.2151, 0.3224,
0.3714

 86.2151, 0.3224,
0.3714


515.6402, 0.3183,
0.3519

 64.8459, 0.3233,
0.3758


142.0696, 0.3210,
0.3647

 47.3361, 0.3243,
0.3813


177.3237, 0.3205,
0.3620

 33.3014, 0.3255,
0.3881


217.9748, 0.3200,
0.3598

 22.3575, 0.3269,
0.3970

264.4074, 0.3196,
0.3578

 14.1198, 0.3287,
0.4090

317.0058, 0.3192,
0.3561

 8.2040, 0.3308,
0.4262

376.1545, 0.3189,

 4.2258, 0.3332,

0.3545

0.4523

442.2378, 0.3186,
0.3531

■ 1.8006, 0.3398,
0.5040

■ 0.4876, 0.1942,
0.8058

■ 86.2151, 0.3224,
0.3714

■ 86.2151, 0.3224,
0.3714

■ 83.0411, 0.3281,
0.4003

■ 89.7552, 0.3165,
0.3446

■ 80.2095, 0.3331,
0.4306

■ 93.6502, 0.3106,
0.3203

■ 77.7104, 0.3372,
0.4615

■ 94.3922, 0.3131,
0.3204

■ 75.5295, 0.3398,
0.4916

■ 73.6508, 0.3407,
0.5193

■ 72.0570, 0.3395,
0.5430

■ 70.7281, 0.3362,
0.5613

■ 69.6404, 0.3311,
0.5735

■ 69.2841, 0.3289,
0.5770

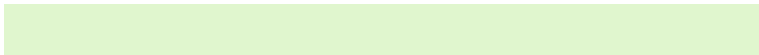
Harmonies

Analogous

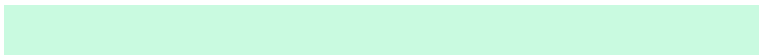
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2151, 0.3455, 0.3724



86.2151, 0.3224, 0.3714



86.2151, 0.2974, 0.3576

Triad

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



86.2151, 0.3224, 0.3714



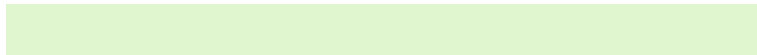
86.2151, 0.2673, 0.2950



86.2151, 0.3493, 0.3215

Complementary

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



86.2151, 0.3224, 0.3714



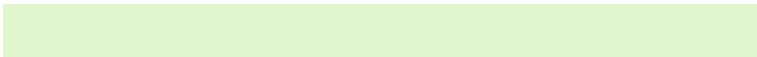
67.2788, 0.3015, 0.2870

Split Complementary

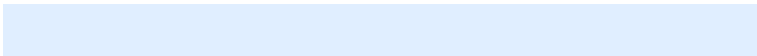
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2151, 0.3270, 0.3028



86.2151, 0.3224, 0.3714



86.2151, 0.2799, 0.2875

Square

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



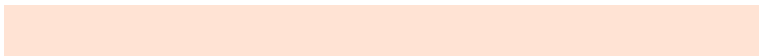
86.2151, 0.3224, 0.3714



86.2151, 0.2663, 0.3122



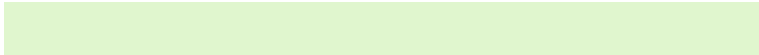
86.2151, 0.3015, 0.2905



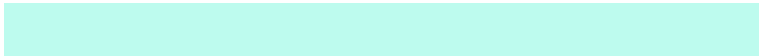
86.2151, 0.3615, 0.3427

Rectangle

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



86.2151, 0.3224, 0.3714



86.2151, 0.2830, 0.3432



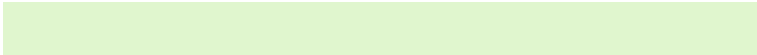
86.2151, 0.3015, 0.2905



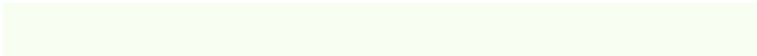
86.2151, 0.3426, 0.3148

Sweetspot

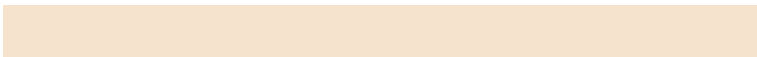
The Sweet Spot groups the original color and five complimentary colors.



86.2188, 0.3224, 0.3714



97.9017, 0.3157, 0.3414



79.1665, 0.3402, 0.3511



20.8936, 0.3161, 0.3432



0.0000, 0.0000, 0.0000



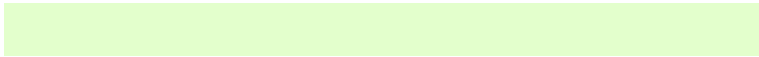
21.4041, 0.3127, 0.3290

Same Dimension

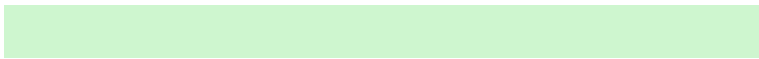
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2188, 0.3224, 0.3714



92.2085, 0.3246, 0.3821



83.5530, 0.3099, 0.3714



18.8377, 0.3184, 0.3530



37.0615, 0.3301, 0.5761



3.3175, 0.3398, 0.5684

Inverse Universe

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



67.2788, 0.3015, 0.2870



67.5636, 0.2985, 0.2766



70.3018, 0.3155, 0.2899



16.3753, 0.3066, 0.3052



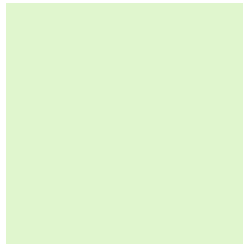
6.3907, 0.2122, 0.0943



0.6227, 0.2251, 0.1014

Previews

White Background



This preview shows how the Yxy color 86.2151, 0.3224, 0.3714 looks on a white background.

Color Contrast Check

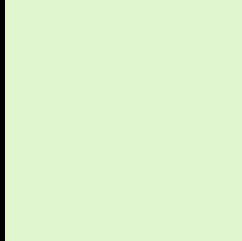
Large Text (above 18pt) WCAG AA × Fail

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 86.2151, 0.3224, 0.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

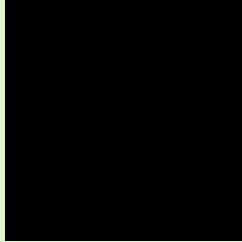
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

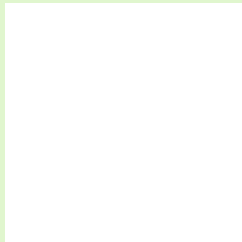
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.2151, 0.3224, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 86.2151, 0.3224, 0.3714.

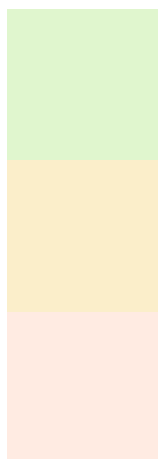


This preview shows how white text looks on a background with the Yxy color 86.2151, 0.3224, 0.3714.

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

86.2151, 0.3224, 0.3714

Protanopia

85.9226, 0.3446, 0.3654

Deuteranopia

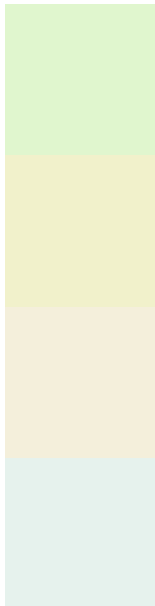
86.1676, 0.3321, 0.3380



Tritanopia

86.2766, 0.2993, 0.3129

Trichromacy



Original Color

86.2151, 0.3224, 0.3714

Protanomaly

85.9232, 0.3364, 0.3682

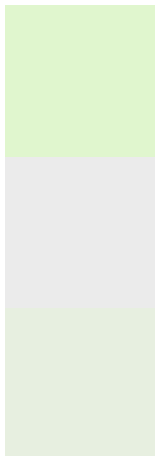
Deuteranomaly

86.0806, 0.3286, 0.3493

Tritanomaly

86.4417, 0.3079, 0.3341

Monochromacy



Original Color

86.2151, 0.3224, 0.3714

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

84.1037, 0.3166, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2151, 0.3224, 0.3714 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(224, 246, 206)` looks like.

```
.text, #text, p{  
    color:rgb(224, 246, 206)  
}
```

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(224, 246, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 246, 206) }
```

Border

The CSS property to change the border of an element to Yxy 86.2151, 0.3224, 0.3714 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(224, 246, 206) }
```

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

```
.border{ border-color:rgb(224, 246, 206) }
```

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

Here you see how a box with a 4 pixel rgb(224, 246, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 246, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 246, 206);  
box-shadow:4px 4px 4px 4px rgb(224, 246,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2151, 0.3224, 0.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 246, 206) }
```

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

```
.background{ background-color: rgb(224,  
246, 206) }
```

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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