

Converting Colors

Yxy(82.7185, 0.3201, 0.3565)

Have a look what the booklet for
Yxy(82.7185, 0.3201, 0.3565)
contains.

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Color

Yxy(82.7059, 0.3201, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	E2EFD5
RGB	226, 239, 213
RGB Percent	89%, 94%, 84%
CMY	0.1137, 0.0627, 0.1648
CMYK	0.05, 0.00, 0.11, 0.06
HSL	90°, 45%, 89%
HSV	90°, 11%, 94%
XYZ	74.2405, 82.7059, 74.9827
YIQ	232.1490, 0.5980, -10.8420

Conversions

Conversions Part 2

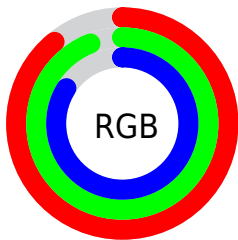
Format	Color
R_{YB}	213, 239, 226
Decimal	14872533
CIE _{Lab}	92.89, -8.86, 11.12
CIE _{LCh}	93, 14.217, 128.556
Yxy	82.7059, 0.3201, 0.3566
Android (android.graphics.Color)	4293062613 (0xFFE2EFD5)
YUV	232.1490, -9.4405, -5.3927
Hunter-Lab	90.9428, -13.4327, 14.7751

Details

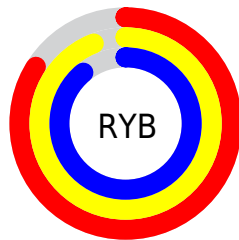
The Yxy color **82.7059, 0.3201, 0.3566** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.9705, 0.3047, 0.3014**, and the grayscale version is **80.8873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9935, 0.3222, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **79.7220, 0.3268, 0.3841**, and if you desaturate by 10%, it is **86.0100, 0.3133, 0.3312**.

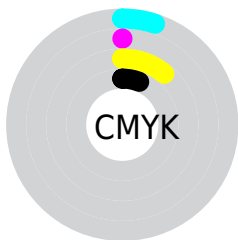
Distribution



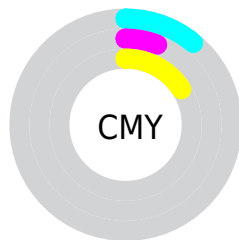
- Red (89%)
- Green (94%)
- Blue (84%)



- Red (84%)
- Yellow (94%)
- Blue (89%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.7059, 0.3201, 0.3566 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 82.7059, 0.3201, 0.3566 by changing the saturation by 10% instead.

82.7059, 0.3201,
0.3566

82.7059, 0.3201,
0.3566

504.0058, 0.3169,
0.3439

61.9476, 0.3208,
0.3595

137.1635, 0.3190,
0.3522

44.9903, 0.3216,
0.3630

171.6315, 0.3186,
0.3505

31.4498, 0.3227,
0.3675

211.4382, 0.3182,
0.3490

20.9416, 0.3240,
0.3733

256.9680, 0.3179,
0.3478

13.0813, 0.3257,
0.3812

308.6053, 0.3176,
0.3466

7.4846, 0.3279,
0.3925

366.7344, 0.3173,

3.7670, 0.3310,

0.3456

0.4099

431.7398, 0.3171,
0.3447

■ 1.5441, 0.3364,
0.4417

■ 0.3194, 0.2146,
0.7854

■ 82.7059, 0.3201,
0.3566

■ 82.7059, 0.3201,
0.3566

■ 79.7220, 0.3268,
0.3841

■ 86.0100, 0.3133,
0.3312

■ 77.0370, 0.3330,
0.4133

■ 89.2560, 0.3101,
0.3135

■ 74.6434, 0.3385,
0.4434

■ 90.2160, 0.3134,
0.3136

■ 72.5292, 0.3428,
0.4733

■ 70.6815, 0.3454,
0.5017

■ 69.0859, 0.3460,
0.5269

■ 67.7266, 0.3444,
0.5475

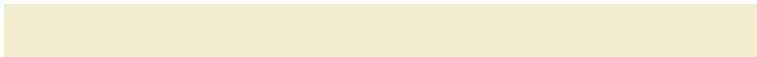
■ 66.5849, 0.3405,
0.5625

■ 65.7088, 0.3356,
0.5717

Harmonies

Analogous

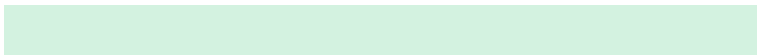
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7059, 0.3349, 0.3572



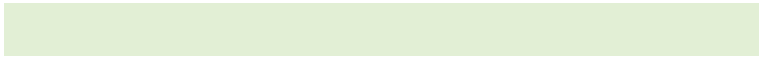
82.7059, 0.3201, 0.3566



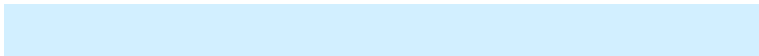
82.7059, 0.3036, 0.3480

Triad

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



82.7059, 0.3201, 0.3566



82.7059, 0.2824, 0.3072



82.7059, 0.3360, 0.3235

Complementary

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



82.7059, 0.3201, 0.3566



69.9705, 0.3047, 0.3014

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.



82.7059, 0.3214, 0.3110



82.7059, 0.3201, 0.3566



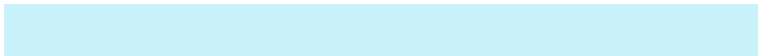
82.7059, 0.2906, 0.3016

Square

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



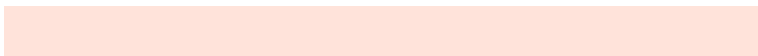
82.7059, 0.3201, 0.3566



82.7059, 0.2821, 0.3190



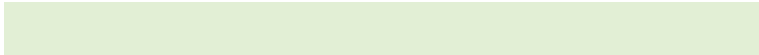
82.7059, 0.3047, 0.3031



82.7059, 0.3443, 0.3377

Rectangle

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



82.7059, 0.3201, 0.3566



82.7059, 0.2939, 0.3391



82.7059, 0.3047, 0.3031



82.7059, 0.3316, 0.3190

Sweetspot

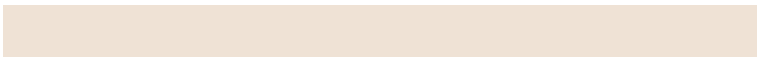
The Sweet Spot groups the original color and five complimentary colors.



82.7095, 0.3201, 0.3566



98.8000, 0.3148, 0.3364



77.3055, 0.3306, 0.3422



21.0799, 0.3153, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

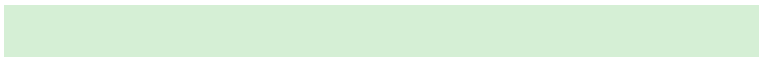
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7095, 0.3201, 0.3566



95.0418, 0.3216, 0.3624



80.7458, 0.3117, 0.3573



18.0453, 0.3191, 0.3529



36.3885, 0.3368, 0.5708



3.0863, 0.3467, 0.5629

Inverse Universe

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



69.9705, 0.3047, 0.3014



77.6286, 0.3029, 0.2957



72.0835, 0.3137, 0.3022



15.6162, 0.3058, 0.3051



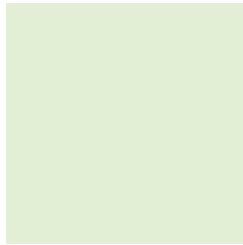
5.7006, 0.2022, 0.0888



0.5334, 0.2164, 0.0966

Previews

White Background



This preview shows how the Yxy color 82.7059, 0.3201, 0.3566 looks on a white background.

Color Contrast Check

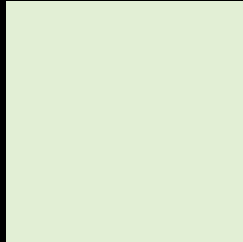
Large Text (above 18pt) WCAG AA × Fail

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 82.7059, 0.3201, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

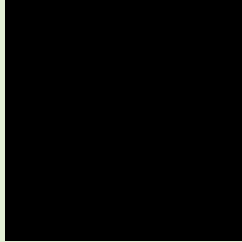
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

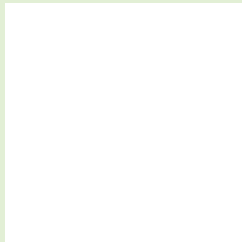
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.7059, 0.3201, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 82.7059, 0.3201, 0.3566.

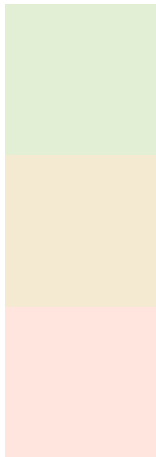


This preview shows how white text looks on a background with the Yxy color 82.7059, 0.3201, 0.3566.

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

82.7059, 0.3201, 0.3566

Protanopia

82.7319, 0.3350, 0.3537

Deuteranopia

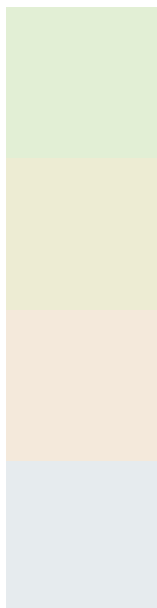
82.5725, 0.3355, 0.3360



Tritanopia

82.4619, 0.3004, 0.3097

Trichromacy



Original Color

82.7059, 0.3201, 0.3566

Protanomaly

82.6986, 0.3292, 0.3550

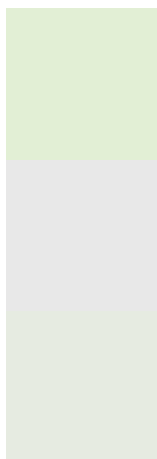
Deuteranomaly

82.6254, 0.3292, 0.3433

Tritanomaly

82.4127, 0.3075, 0.3259

Monochromacy



Original Color

82.7059, 0.3201, 0.3566

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.6759, 0.3156, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.7059, 0.3201, 0.3566 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(226, 239, 213)` looks like.

```
.text, #text, p{  
    color:rgb(226, 239, 213)  
}
```

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(226, 239, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 239, 213) }
```

Border

The CSS property to change the border of an element to Yxy 82.7059, 0.3201, 0.3566 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(226, 239, 213) }
```

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

```
.border{ border-color:rgb(226, 239, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 239, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 239, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 239, 213);  
box-shadow:4px 4px 4px 4px rgb(226, 239,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 82.7059, 0.3201, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 239, 213) }
```

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

```
.background{ background-color: rgb(226,  
239, 213) }
```

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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