

Converting Colors

$Yxy(86.3849, 0.3143, 0.3467)$

Have a look what the booklet for
Yxy(86.3849, 0.3143, 0.3467)
contains.

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Color

Yxy(86.4152, 0.3145, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	E6F3E2
RGB	230, 243, 226
RGB Percent	90%, 95%, 89%
CMY	0.0980, 0.0470, 0.1137
CMYK	0.05, 0.00, 0.07, 0.05
HSL	106°, 41%, 92%
HSV	106°, 7%, 95%
XYZ	78.4119, 86.4152, 84.4954
YIQ	237.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

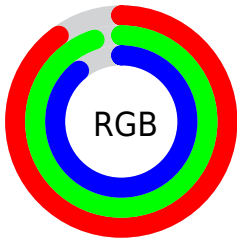
Format	Color
R _Y B	226, 243, 239
Decimal	15135714
CIE Lab	94.49, -7.31, 6.71
CIE LCh	94, 9.921, 137.442
Yxy	86.4152, 0.3145, 0.3466
Android (android.graphics.Color)	4293325794 (0xFFE6F3E2)
YUV	237.1750, -5.5093, -6.2925
Hunter-Lab	92.9598, -12.1141, 11.1804

Details

The Yxy color **86.4152, 0.3145, 0.3466** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.2126, 0.3108, 0.3117**, and the grayscale version is **84.8773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4796, 0.3142, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **82.2671, 0.3169, 0.3742**, and if you desaturate by 10%, it is **91.0872, 0.3119, 0.3219**.

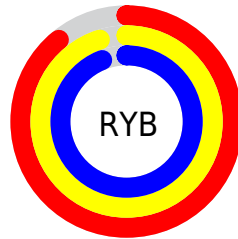
Distribution



Red (90%)

Green (95%)

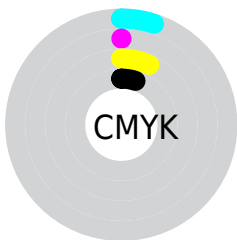
Blue (89%)



Red (89%)

Yellow (95%)

Blue (94%)

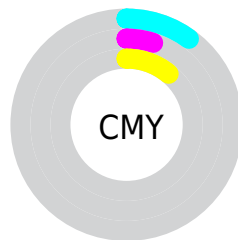


Cyan (5%)

Magenta (0%)

Yellow (7%)

Black (5%)



Cyan (10%)

Magenta (5%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.4152, 0.3145, 0.3466 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 86.4152, 0.3145, 0.3466 by changing the saturation by 10% instead.

86.4152, 0.3145,
0.3466

86.4152, 0.3145,
0.3466

516.2993, 0.3137,
0.3386

65.0114, 0.3147,
0.3484

142.3487, 0.3143,
0.3439

47.4703, 0.3148,
0.3506

177.6472, 0.3142,
0.3428

33.4076, 0.3151,
0.3533

218.3461, 0.3141,
0.3419

22.4389, 0.3153,
0.3569

264.8297, 0.3140,
0.3410

14.1797, 0.3157,
0.3617

317.4824, 0.3139,
0.3403

8.2458, 0.3161,
0.3685

376.6886, 0.3139,

4.2526, 0.3167,

0.3397

0.3788

442.8328, 0.3138,
0.3391

■ 1.8159, 0.3173,
0.3963

■ 0.4970, 0.3406,
0.5758

■ 86.4152, 0.3145,
0.3466

■ 86.4152, 0.3145,
0.3466

■ 82.2671, 0.3169,
0.3742

■ 91.0872, 0.3119,
0.3219

■ 78.6135, 0.3190,
0.4046

■ 92.5840, 0.3133,
0.3175

■ 75.4391, 0.3206,
0.4371

■ 72.7234, 0.3214,
0.4707

■ 70.4443, 0.3212,
0.5038

■ 68.5779, 0.3199,
0.5344

■ 67.0979, 0.3174,
0.5601

■ 65.9744, 0.3138,
0.5792

■ 65.1720, 0.3095,
0.5909

Harmonies

Analogous

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



86.4152, 0.3253, 0.3488



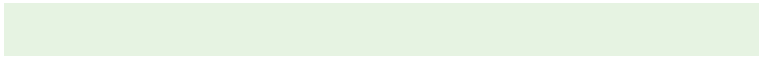
86.4152, 0.3145, 0.3466



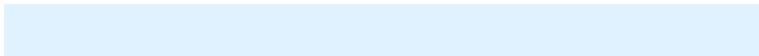
86.4152, 0.3034, 0.3395

Triad

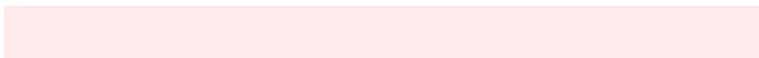
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4152, 0.3145, 0.3466



86.4152, 0.2929, 0.3124



86.4152, 0.3309, 0.3282

Complementary

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



86.4152, 0.3145, 0.3466



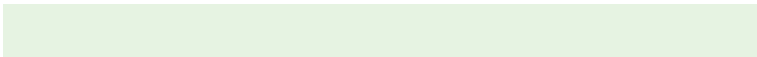
79.2126, 0.3108, 0.3117

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.



86.4152, 0.3220, 0.3189



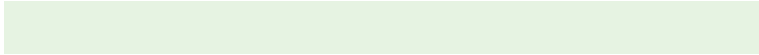
86.4152, 0.3145, 0.3466



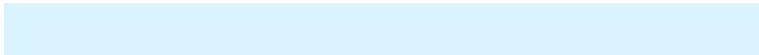
86.4152, 0.3000, 0.3098

Square

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



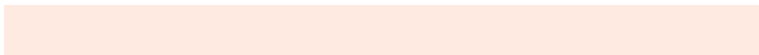
86.4152, 0.3145, 0.3466



86.4152, 0.2910, 0.3195



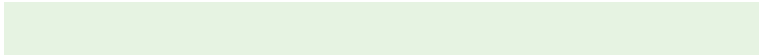
86.4152, 0.3106, 0.3122



86.4152, 0.3349, 0.3379

Rectangle

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



86.4152, 0.3145, 0.3466



86.4152, 0.2972, 0.3329



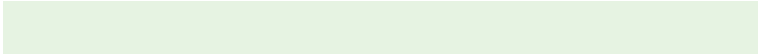
86.4152, 0.3106, 0.3122



86.4152, 0.3284, 0.3249

Sweetspot

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



86.4189, 0.3145, 0.3466



98.9441, 0.3132, 0.3339



86.1348, 0.3235, 0.3419



21.1892, 0.3132, 0.3337



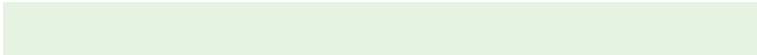
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



86.4189, 0.3145, 0.3466



95.9170, 0.3148, 0.3493



85.9995, 0.3093, 0.3422



18.6605, 0.3151, 0.3532



35.7139, 0.3091, 0.5928



3.1840, 0.3174, 0.5861

Inverse Universe

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



79.2126, 0.3108, 0.3117



86.7672, 0.3105, 0.3091



79.6642, 0.3163, 0.3161



16.5600, 0.3100, 0.3054



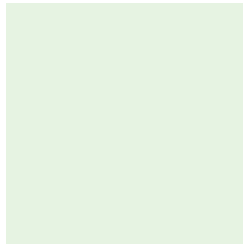
9.3262, 0.2619, 0.1216



0.8661, 0.2696, 0.1259

Previews

White Background



This preview shows how the Yxy color 86.4152, 0.3145, 0.3466 looks on a white background.

Color Contrast Check

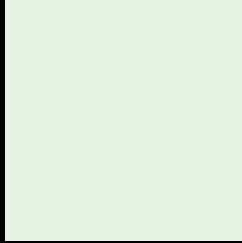
Large Text (above 18pt) WCAG AA × Fail

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 86.4152, 0.3145, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

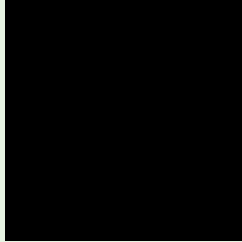
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

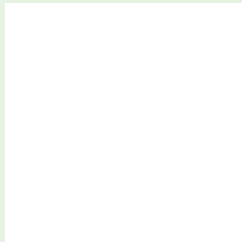
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4152, 0.3145, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 86.4152, 0.3145, 0.3466.



This preview shows how white text looks on a background with the Yxy color 86.4152, 0.3145, 0.3466.

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

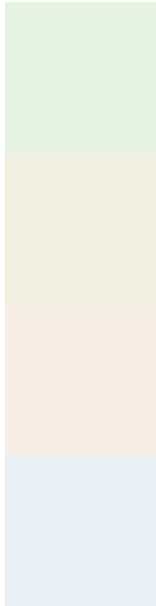




Tritanopia

86.0312, 0.3006, 0.3120

Trichromacy



Original Color

86.4152, 0.3145, 0.3466

Protanomaly

86.4028, 0.3233, 0.3453

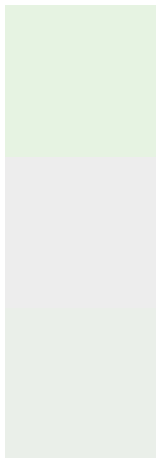
Deuteranomaly

85.8744, 0.3231, 0.3361

Tritanomaly

86.1755, 0.3058, 0.3249

Monochromacy



Original Color

86.4152, 0.3145, 0.3466

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.1086, 0.3131, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4152, 0.3145, 0.3466 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(230, 243, 226)` looks like.

```
.text, #text, p{  
    color:rgb(230, 243, 226)  
}
```

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(230, 243, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 243, 226) }
```

Border

The CSS property to change the border of an element to Yxy 86.4152, 0.3145, 0.3466 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(230, 243, 226) }
```

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

```
.border{ border-color:rgb(230, 243, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 243, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 243, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 243, 226);  
box-shadow:4px 4px 4px 4px rgb(230, 243,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4152, 0.3145, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 243, 226) }
```

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

```
.background{ background-color: rgb(230,  
243, 226) }
```

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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