

Converting Colors

Yxy(84.2591, 0.3057, 0.3480)

Have a look what the booklet for
Yxy(84.2591, 0.3057, 0.3480)
contains.

Yxy(84.1364, 0.3060, 0.3481)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(84.1364, 0.3060, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	D8F3E1
RGB	216, 243, 225
RGB Percent	85%, 95%, 88%
CMY	0.1530, 0.0470, 0.1175
CMYK	0.11, 0.00, 0.07, 0.05
HSL	140°, 53%, 90%
HSV	140°, 11%, 95%
XYZ	73.9608, 84.1364, 83.6047
YIQ	232.8750, -10.3140, -11.3220

Conversions

Conversions Part 2

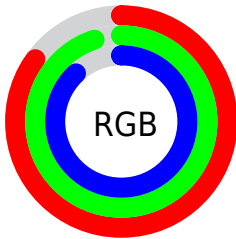
Format	Color
R_{YB}	216, 236, 243
Decimal	14218209
CIE _{Lab}	93.51, -12.13, 5.67
CIE _{LCh}	94, 13.390, 154.955
Y _{xy}	84.1364, 0.3060, 0.3481
Android (android.graphics.Color)	4292408289 (0xFFD8F3E1)
YUV	232.8750, -3.8824, -14.7994
Hunter-Lab	91.7259, -16.5916, 10.1676

Details

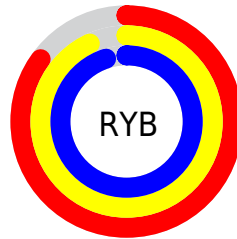
The Yxy color **84.1364, 0.3060, 0.3481** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.0972, 0.3201, 0.3106**, and the grayscale version is **81.4242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0200, 0.3043, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **79.8679, 0.3001, 0.3675**, and if you desaturate by 10%, it is **89.0427, 0.3120, 0.3308**.

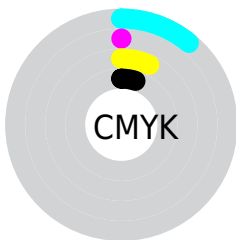
Distribution



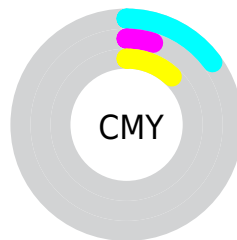
- Red (85%)
- Green (95%)
- Blue (88%)



- Red (85%)
- Yellow (93%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)




- Cyan (15%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.1364, 0.3060, 0.3481 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 84.1364, 0.3060, 0.3481 by changing the saturation by 10% instead.


 84.1364, 0.3060,
0.3481

 84.1364, 0.3060,
0.3481


508.7661, 0.3091,
0.3394

 63.1281, 0.3053,
0.3501


139.1660, 0.3071,
0.3451

 45.9448, 0.3044,
0.3525


173.9560, 0.3075,
0.3439

 32.2023, 0.3033,
0.3556


214.1087, 0.3078,
0.3429

 21.5160, 0.3019,
0.3596

260.0084, 0.3082,
0.3420

 13.5017, 0.3000,
0.3650

312.0396, 0.3084,
0.3412

 7.7749, 0.2972,
0.3727

370.5867, 0.3087,

 3.9513, 0.2928,

0.3405

0.3845

436.0341, 0.3089,
0.3399

1.6463, 0.2852,
0.4053

0.3885, 0.1498,
0.7954

84.1364, 0.3060,
0.3481

84.1364, 0.3060,
0.3481

79.8679, 0.3001,
0.3675

89.0427, 0.3120,
0.3308

76.2004, 0.2945,
0.3891

92.5849, 0.3133,
0.3175

73.1093, 0.2895,
0.4126

70.5642, 0.2854,
0.4377

■ 68.5318, 0.2826,
0.4636

■ 66.9751, 0.2813,
0.4895

■ 65.8518, 0.2818,
0.5142

■ 65.1115, 0.2841,
0.5365

■ 64.7058, 0.2871,
0.5537

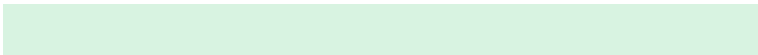
Harmonies

Analogous

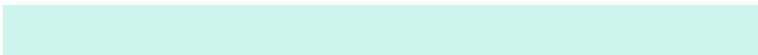
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1364, 0.3215, 0.3553



84.1364, 0.3060, 0.3481



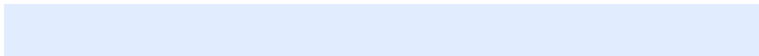
84.1364, 0.2926, 0.3354

Triad

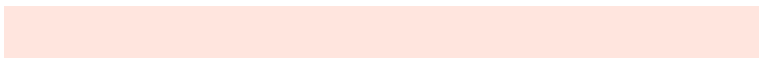
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1364, 0.3060, 0.3481



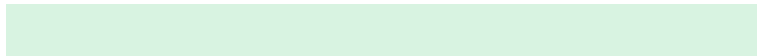
84.1364, 0.2907, 0.3036



84.1364, 0.3417, 0.3356

Complementary

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



84.1364, 0.3060, 0.3481



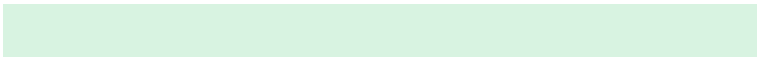
74.0972, 0.3201, 0.3106

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.



84.1364, 0.3331, 0.3223



84.1364, 0.3060, 0.3481



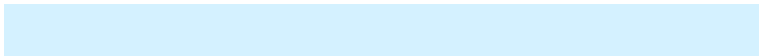
84.1364, 0.3034, 0.3042

Square

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



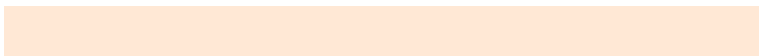
84.1364, 0.3060, 0.3481



84.1364, 0.2839, 0.3097



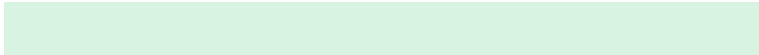
84.1364, 0.3190, 0.3110



84.1364, 0.3424, 0.3476

Rectangle

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



84.1364, 0.3060, 0.3481



84.1364, 0.2865, 0.3259



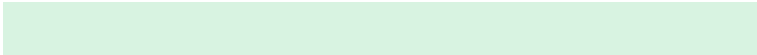
84.1364, 0.3190, 0.3110



84.1364, 0.3397, 0.3312

Sweetspot

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



84.1400, 0.3060, 0.3481



98.2546, 0.3109, 0.3339



86.5542, 0.3233, 0.3570



20.9331, 0.3104, 0.3353



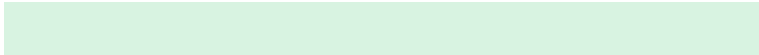
0.0000, 0.0000, 0.0000



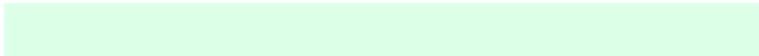
21.4041, 0.3127, 0.3290

Same Dimension

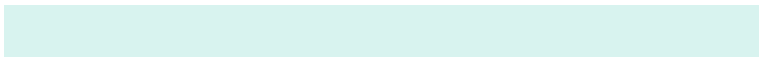
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1400, 0.3060, 0.3481



92.9069, 0.3049, 0.3517



84.9041, 0.2982, 0.3337



18.5637, 0.3070, 0.3451



35.5332, 0.2864, 0.5509



3.1414, 0.2794, 0.5257

Inverse Universe

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



74.0972, 0.3201, 0.3106



79.9478, 0.3215, 0.3074



73.3528, 0.3294, 0.3244



16.6683, 0.3189, 0.3134



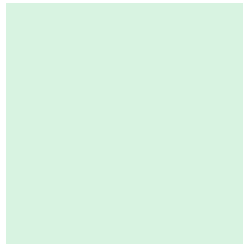
11.9069, 0.4282, 0.2132



1.0656, 0.4112, 0.2039

Previews

White Background



This preview shows how the Yxy color 84.1364, 0.3060, 0.3481 looks on a white background.

Color Contrast Check

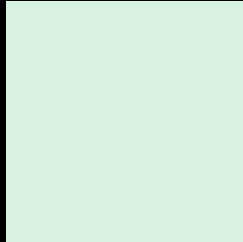
Large Text (above 18pt) WCAG AA × Fail

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 84.1364, 0.3060, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

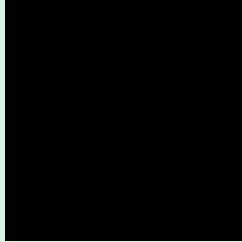
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

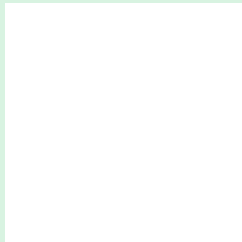
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.1364, 0.3060, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 84.1364, 0.3060, 0.3481.

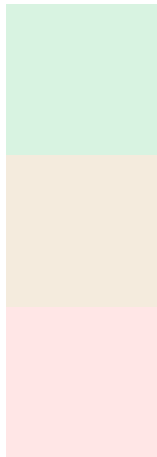


This preview shows how white text looks on a background with the Yxy color 84.1364, 0.3060, 0.3481.

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

84.1364, 0.3060, 0.3481

Protanopia

83.8702, 0.3277, 0.3433

Deuteranopia

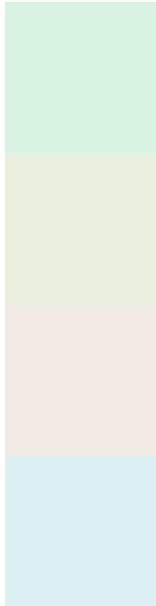
83.5668, 0.3300, 0.3291



Tritanopia

84.0570, 0.2930, 0.3116

Trichromacy



Original Color

84.1364, 0.3060, 0.3481

Protanomaly

83.9154, 0.3200, 0.3456

Deuteranomaly

83.7189, 0.3212, 0.3362

Tritanomaly

84.0675, 0.2975, 0.3248

Monochromacy



Original Color

84.1364, 0.3060, 0.3481

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.6124, 0.3104, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.1364, 0.3060, 0.3481 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(216, 243, 225)` looks like.

```
.text, #text, p{  
    color:rgb(216, 243, 225)  
}
```

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(216, 243, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 243, 225) }
```

Border

The CSS property to change the border of an element to Yxy 84.1364, 0.3060, 0.3481 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(216, 243, 225) }
```

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

```
.border{ border-color:rgb(216, 243, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 243, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 243, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 243, 225);  
box-shadow:4px 4px 4px 4px rgb(216, 243,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 84.1364, 0.3060, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 243, 225) }
```

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

```
.background{ background-color: rgb(216,  
243, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor