

Converting Colors

$Yxy(80.9128, 0.3484, 0.4108)$

Have a look what the booklet for
Yxy(80.9128, 0.3484, 0.4108)
contains.

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Color

Yxy(80.8841, 0.3484, 0.4102)

Conversions

Conversions Part 1

Format	Color
Hex	E0F0A5
RGB	224, 240, 165
RGB Percent	88%, 94%, 65%
CMY	0.1215, 0.0588, 0.3528
CMYK	0.07, 0.00, 0.31, 0.06
HSL	73°, 71%, 79%
HSV	73°, 31%, 94%
XYZ	68.6982, 80.8841, 47.5998
YIQ	226.6660, 14.5390, -26.7170

Conversions

Conversions Part 2

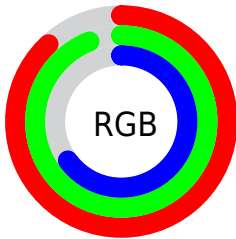
Format	Color
RYB	165, 240, 181
Decimal	14741669
CIELab	92.08, -17.15, 34.55
CIELCh	92, 38.574, 116.390
Yxy	80.8841, 0.3484, 0.4102
Android (android.graphics.Color)	4292931749 (0xFFE0F0A5)
YUV	226.6660, -30.4013, -2.3381
Hunter-Lab	89.9356, -21.0382, 31.5748

Details

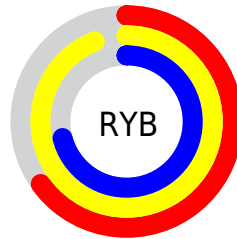
The Yxy color **80.8841, 0.3484, 0.4102** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **43.0351, 0.2688, 0.2398**, and the grayscale version is **76.7832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **43.7757, 0.3555, 0.4298** is the 20% darker color. If you saturate the color by 10%, you get **79.2888, 0.3589, 0.4368**, and if you desaturate by 10%, it is **82.6752, 0.3371, 0.3834**.

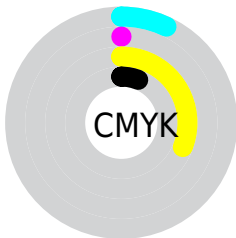
Distribution



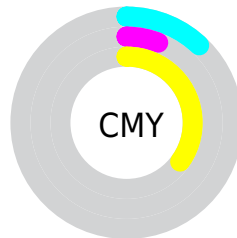
- Red (88%)
- Green (94%)
- Blue (65%)



- Red (65%)
- Yellow (94%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (6%)





- Cyan (12%)
- Magenta (6%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.8841, 0.3484, 0.4102 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 80.8841, 0.3484, 0.4102 by changing the saturation by 10% instead.

 80.8841, 0.3484,
0.4102


 80.8841, 0.3484,
0.4102


497.9073, 0.3331,
0.3724

 60.4461, 0.3515,
0.4188


 134.6080, 0.3434,
0.3971

 43.7783, 0.3552,
0.4293


 168.6628, 0.3413,
0.3920

 30.4963, 0.3596,
0.4425


208.0253, 0.3395,
0.3876

 20.2156, 0.3646,
0.4596

253.0799, 0.3379,
0.3838

 12.5519, 0.3704,
0.4821

304.2110, 0.3365,
0.3804

 7.1207, 0.3763,
0.5130

361.8030, 0.3353,

 3.5377, 0.3896,

0.3775

0.5707

426.2403, 0.3341,
0.3748

■ 1.4185, 0.3754,
0.6246

■ 0.2303, 0.0000,
1.0000

■ 80.8841, 0.3484,
0.4102

■ 80.8841, 0.3484,
0.4102

■ 79.2888, 0.3589,
0.4368

■ 82.6752, 0.3371,
0.3834

■ 77.8691, 0.3682,
0.4621


■ 84.6599, 0.3256,
0.3571

■ 76.6183, 0.3756,
0.4850

■ 86.8500, 0.3141,
0.3320

■ 75.5248, 0.3807,
0.5043


■ 88.8589, 0.3066,
0.3143

 74.5755, 0.3833,
0.5193

 89.7891, 0.3099,
0.3144

 73.7546, 0.3833,
0.5296

 90.7449, 0.3132,
0.3146

 73.1190, 0.3815,
0.5353

 90.7997, 0.3134,
0.3146

Harmonies

Analogous

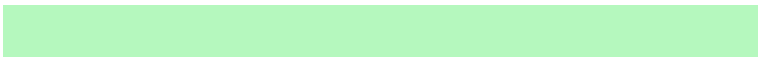
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8841, 0.3847, 0.3985



80.8841, 0.3484, 0.4102



80.8841, 0.3041, 0.3964

Triad

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



80.8841, 0.3484, 0.4102



80.8841, 0.2306, 0.2793



80.8841, 0.3613, 0.2996

Complementary

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



80.8841, 0.3484, 0.4102



43.0351, 0.2688, 0.2398

Split Complementary

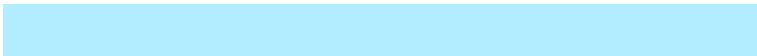
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.8841, 0.3165, 0.2726



80.8841, 0.3484, 0.4102



80.8841, 0.2431, 0.2599

Square

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



80.8841, 0.3484, 0.4102



80.8841, 0.2378, 0.3152



80.8841, 0.2735, 0.2582



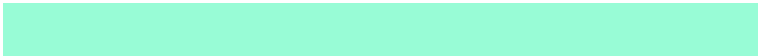
80.8841, 0.3936, 0.3341

Rectangle

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



80.8841, 0.3484, 0.4102



80.8841, 0.2761, 0.3736



80.8841, 0.2735, 0.2582



80.8841, 0.3470, 0.2895

Sweetspot

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



80.8877, 0.3484, 0.4102



97.6931, 0.3230, 0.3514



53.8934, 0.3789, 0.3458



20.8344, 0.3247, 0.3552



0.0000, 0.0000, 0.0000



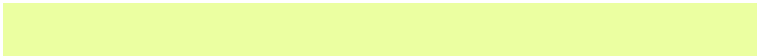
21.4041, 0.3127, 0.3290

Same Dimension

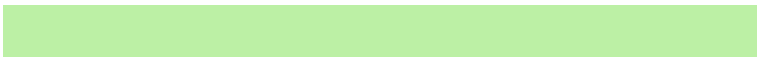
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8877, 0.3484, 0.4102



91.7245, 0.3547, 0.4259



75.6674, 0.3230, 0.4172



18.2791, 0.3235, 0.3526



40.0866, 0.3821, 0.5348



3.3767, 0.3873, 0.5307

Inverse Universe

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



43.0351, 0.2688, 0.2398



42.3822, 0.2586, 0.2204



48.0402, 0.2977, 0.2468



15.3911, 0.3013, 0.3048



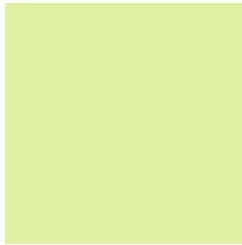
3.8778, 0.1610, 0.0661



0.3644, 0.1731, 0.0727

Previews

White Background



This preview shows how the Yxy color 80.8841, 0.3484, 0.4102 looks on a white background.

Color Contrast Check

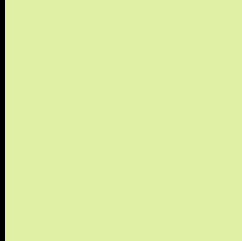
Large Text (above 18pt) WCAG AA × Fail

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 80.8841, 0.3484, 0.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

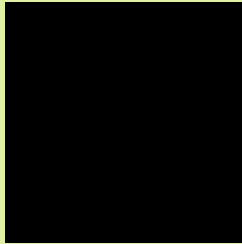
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.8841, 0.3484, 0.4102

Background



This preview shows how black text looks on a background with the Yxy color 80.8841, 0.3484, 0.4102.

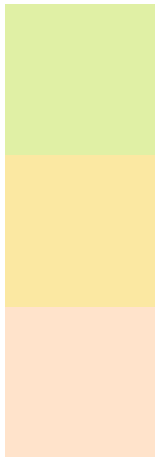


This preview shows how white text looks on a background with the Yxy color 80.8841, 0.3484, 0.4102.

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

80.8841, 0.3484, 0.4102

Protanopia

80.8311, 0.3724, 0.4005

Deuteranopia

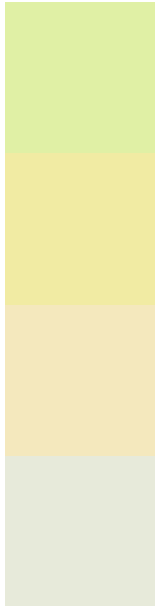
80.5100, 0.3489, 0.3533



Tritanopia

81.0331, 0.3048, 0.3107

Trichromacy



Original Color

80.8841, 0.3484, 0.4102

Protanomaly

80.7618, 0.3634, 0.4043

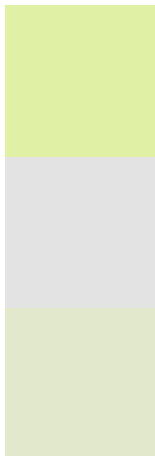
Deuteranomaly

80.6204, 0.3493, 0.3738

Tritanomaly

80.8965, 0.3208, 0.3458

Monochromacy



Original Color

80.8841, 0.3484, 0.4102

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

78.2416, 0.3265, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8841, 0.3484, 0.4102 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, 240, 165)` looks like.

```
.text, #text, p{  
    color:rgb(224, 240, 165)  
}
```

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, 240, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 240, 165) }
```

Border

The CSS property to change the border of an element to Yxy 80.8841, 0.3484, 0.4102 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, 240, 165) }
```

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

```
.border{ border-color:rgb(224, 240, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 240, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 240, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 240, 165); box-shadow:4px 4px 4px 4px rgb(224, 240, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8841, 0.3484, 0.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 240, 165) }
```

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

```
.background{ background-color: rgb(224,  
240, 165) }
```

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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