

Converting Colors

$Yxy(82.0336, 0.3455, 0.4074)$

Have a look what the booklet for
Yxy(82.0336, 0.3455, 0.4074)
contains.

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Color

Yxy(82.2161, 0.3455, 0.4078)

Conversions

Conversions Part 1

Format	Color
Hex	E0F2A9
RGB	224, 242, 169
RGB Percent	88%, 95%, 66%
CMY	0.1215, 0.0510, 0.3372
CMYK	0.07, 0.00, 0.30, 0.05
HSL	75°, 74%, 81%
HSV	75°, 30%, 95%
XYZ	69.6559, 82.2161, 49.7369
YIQ	228.2960, 12.7050, -26.5190

Conversions

Conversions Part 2

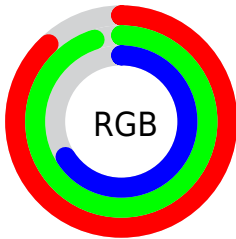
Format	Color
RYB	169, 242, 187
Decimal	14742185
CIELab	92.67, -17.61, 33.33
CIElCh	93, 37.701, 117.852
Yxy	82.2161, 0.3455, 0.4078
Android (android.graphics.Color)	4292932265 (0xFFE0F2A9)
YUV	228.2960, -29.2329, -3.7676
Hunter-Lab	90.6731, -21.5526, 30.9488

Details

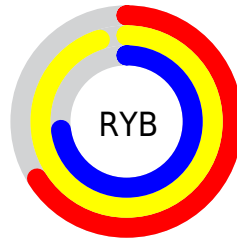
The Yxy color **82.2161, 0.3455, 0.4078** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **45.3554, 0.2724, 0.2436**, and the grayscale version is **78.0254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **44.7036, 0.3518, 0.4267** is the 20% darker color. If you saturate the color by 10%, you get **80.4565, 0.3555, 0.4349**, and if you desaturate by 10%, it is **84.1846, 0.3348, 0.3807**.

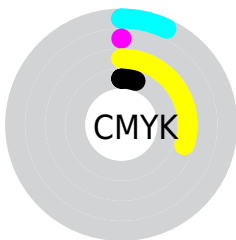
Distribution



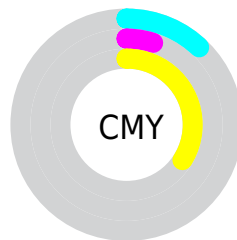
- Red (88%)
- Green (95%)
- Blue (66%)



- Red (66%)
- Yellow (95%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (5%)





- Cyan (12%)
- Magenta (5%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.2161, 0.3455, 0.4078 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 82.2161, 0.3455, 0.4078 by changing the saturation by 10% instead.


 82.2161, 0.3455,
0.4078

 82.2161, 0.3455,
0.4078


502.3703, 0.3315,
0.3712

 61.5437, 0.3484,
0.4161


 136.4770, 0.3409,
0.3951

 44.6641, 0.3517,
0.4263


170.8343, 0.3390,
0.3902

 31.1929, 0.3557,
0.4392


210.5220, 0.3374,
0.3859

 20.7458, 0.3603,
0.4557

255.9244, 0.3359,
0.3822

 12.9383, 0.3656,
0.4777

307.4261, 0.3346,
0.3790

 7.3861, 0.3710,
0.5079


365.4114, 0.3335,


 3.7047, 0.3801,


0.3761


0.5591


430.2646, 0.3324,
0.3735

 1.5098, 0.3747,
0.6253


 0.2956, 0.0000,
1.0000


 82.2161, 0.3455,
0.4078


 82.2161, 0.3455,
0.4078


 80.4565, 0.3555,
0.4349


 84.1846, 0.3348,
0.3807


 78.8853, 0.3643,
0.4609


 86.3601, 0.3238,
0.3544


 77.4957, 0.3714,
0.4848


 88.7546, 0.3129,
0.3294

 76.2758, 0.3762,
0.5053


 90.6598, 0.3087,
0.3164

 75.2123, 0.3784,
0.5215

 91.7671, 0.3126,
0.3165

 74.2893, 0.3781,
0.5329

 91.9865, 0.3133,
0.3165

 73.4928, 0.3756,
0.5400

Harmonies

Analogous

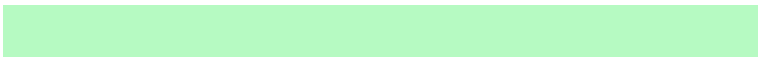
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2161, 0.3815, 0.3977



82.2161, 0.3455, 0.4078



82.2161, 0.3023, 0.3930

Triad

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



82.2161, 0.3455, 0.4078



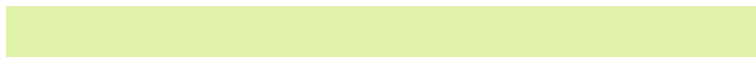
82.2161, 0.2329, 0.2794



82.2161, 0.3619, 0.3019

Complementary

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



82.2161, 0.3455, 0.4078



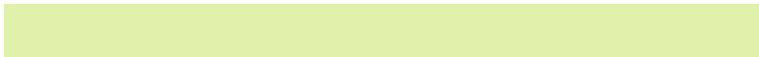
45.3554, 0.2724, 0.2436

Split Complementary

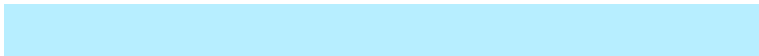
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2161, 0.3186, 0.2751



82.2161, 0.3455, 0.4078



82.2161, 0.2460, 0.2612

Square

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



82.2161, 0.3455, 0.4078



82.2161, 0.2390, 0.3137



82.2161, 0.2764, 0.2603



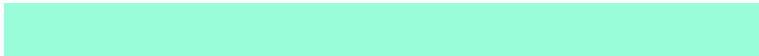
82.2161, 0.3923, 0.3358

Rectangle

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



82.2161, 0.3455, 0.4078



82.2161, 0.2753, 0.3704



82.2161, 0.2764, 0.2603



82.2161, 0.3482, 0.2919

Sweetspot

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



82.2197, 0.3455, 0.4078



97.5516, 0.3225, 0.3515



56.8776, 0.3752, 0.3479



20.7994, 0.3241, 0.3552



0.0000, 0.0000, 0.0000



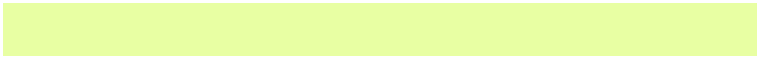
21.4041, 0.3127, 0.3290

Same Dimension

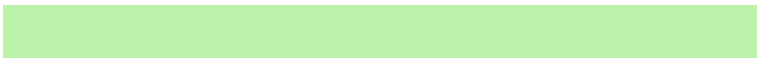
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2197, 0.3455, 0.4078



91.3887, 0.3516, 0.4239



77.1230, 0.3211, 0.4143



18.2514, 0.3230, 0.3526



39.5468, 0.3764, 0.5394



3.3360, 0.3823, 0.5347

Inverse Universe

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



45.3554, 0.2724, 0.2436



43.9037, 0.2626, 0.2244



50.4047, 0.3003, 0.2502



15.4169, 0.3018, 0.3048



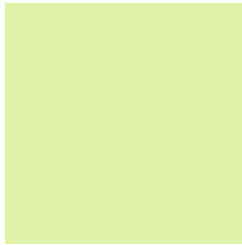
4.0079, 0.1642, 0.0678



0.3785, 0.1771, 0.0749

Previews

White Background



This preview shows how the Yxy color 82.2161, 0.3455, 0.4078 looks on a white background.

Color Contrast Check

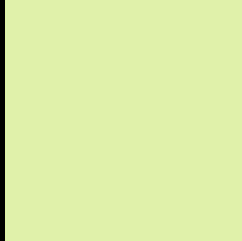
Large Text (above 18pt) WCAG AA × Fail

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 82.2161, 0.3455, 0.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

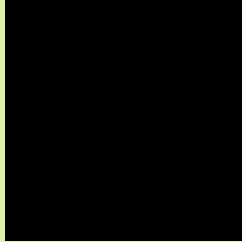
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

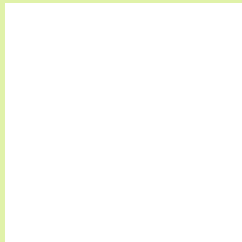
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2161, 0.3455, 0.4078

Background



This preview shows how black text looks on a background with the Yxy color 82.2161, 0.3455, 0.4078.

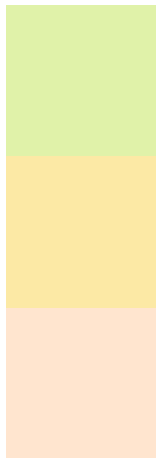


This preview shows how white text looks on a background with the Yxy color 82.2161, 0.3455, 0.4078.

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

82.2161, 0.3455, 0.4078

Protanopia

81.6899, 0.3709, 0.3983

Deuteranopia

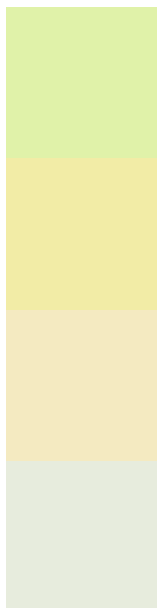
81.8036, 0.3457, 0.3512



Tritanopia

82.2775, 0.3036, 0.3108

Trichromacy



Original Color

82.2161, 0.3455, 0.4078

Protanomaly

81.6213, 0.3619, 0.4019

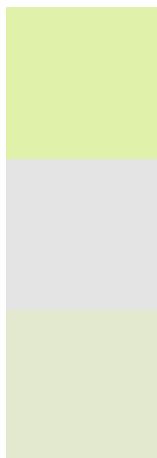
Deuteranomaly

81.9290, 0.3462, 0.3715

Tritanomaly

82.2003, 0.3187, 0.3447

Monochromacy



Original Color

82.2161, 0.3455, 0.4078

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

79.1137, 0.3251, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2161, 0.3455, 0.4078 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, 242, 169)` looks like.

```
.text, #text, p{  
    color:rgb(224, 242, 169)  
}
```

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, 242, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 242, 169) }
```

Border

The CSS property to change the border of an element to Yxy 82.2161, 0.3455, 0.4078 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, 242, 169) }
```

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

```
.border{ border-color:rgb(224, 242, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 242, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 242, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 242, 169); box-shadow:4px 4px 4px 4px rgb(224, 242, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2161, 0.3455, 0.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 242, 169) }
```

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

```
.background{ background-color: rgb(224,  
242, 169) }
```

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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