

Converting Colors

Yxy(80.7946, 0.3397, 0.4047)

Have a look what the booklet for
Yxy(80.7946, 0.3397, 0.4047)
contains.

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Color

Yxy(80.7946, 0.3397, 0.4047)

Conversions

Conversions Part 1

Format	Color
Hex	DAF1AC
RGB	218, 241, 172
RGB Percent	85%, 95%, 67%
CMY	0.1450, 0.0549, 0.3257
CMYK	0.10, 0.00, 0.29, 0.05
HSL	80°, 71%, 81%
HSV	80°, 29%, 95%
XYZ	67.8180, 80.7946, 51.0282
YIQ	226.2570, 8.4410, -26.3350

Conversions

Conversions Part 2

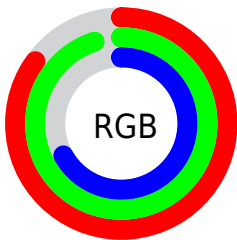
Format	Color
R _{YB}	172, 241, 195
Decimal	14348716
CIE Lab	92.04, -18.90, 30.93
CIE LCh	92, 36.243, 121.429
Yxy	80.7946, 0.3397, 0.4047
Android (android.graphics.Color)	4292538796 (0xFFDAF1AC)
YUV	226.2570, -26.7487, -7.2414
Hunter-Lab	89.8858, -22.6237, 29.2611

Details

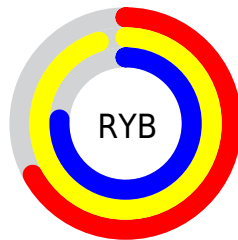
The Yxy color **80.7946, 0.3397, 0.4047** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **47.4331, 0.2794, 0.2495**, and the grayscale version is **76.4445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **43.7112, 0.3444, 0.4231** is the 20% darker color. If you saturate the color by 10%, you get **78.7480, 0.3483, 0.4328**, and if you desaturate by 10%, it is **83.0760, 0.3304, 0.3770**.

Distribution



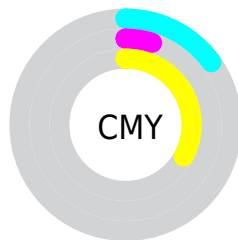
- Red (85%)
- Green (95%)
- Blue (67%)



- Red (67%)
- Yellow (95%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (29%)
- Black (5%)




- Cyan (15%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.7946, 0.3397, 0.4047 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 80.7946, 0.3397, 0.4047 by changing the saturation by 10% instead.


 80.7946, 0.3397,
0.4047

 80.7946, 0.3397,
0.4047


497.6067, 0.3282,
0.3693

 60.3724, 0.3420,
0.4128


 134.4823, 0.3359,
0.3924

 43.7189, 0.3448,
0.4228


168.5167, 0.3344,
0.3876

 30.4496, 0.3480,
0.4354


207.8572, 0.3331,
0.3835

 20.1801, 0.3517,
0.4519

252.8884, 0.3319,
0.3799

 12.5260, 0.3559,
0.4739

303.9945, 0.3308,
0.3768

 7.1030, 0.3600,
0.5048

361.5600, 0.3299,

 3.5266, 0.3660,

0.3740

0.5560

425.9692, 0.3290,
0.3715

■ 1.4124, 0.3632,
0.6368

■ 0.2259, 0.0000,
1.0000

■ 80.7946, 0.3397,
0.4047

■ 80.7946, 0.3397,
0.4047

■ 78.7480, 0.3483,
0.4328

■ 83.0760, 0.3304,
0.3770

■ 76.9157, 0.3558,
0.4604

■ 85.5908, 0.3209,
0.3506

■ 75.2904, 0.3616,
0.4863

■ 88.3511, 0.3115,
0.3258

■ 73.8602, 0.3652,
0.5092

■ 90.4746, 0.3102,
0.3154

■ 72.6116, 0.3664,
0.5278

■ 91.3914, 0.3133,
0.3156

■ 71.5287, 0.3651,
0.5416

■ 70.5890, 0.3615,
0.5505

■ 70.4689, 0.3610,
0.5516

Harmonies

Analogous

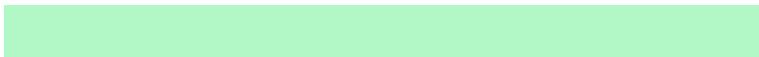
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7946, 0.3759, 0.3978



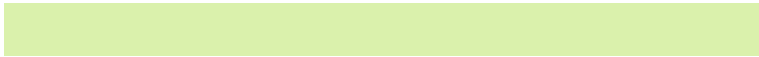
80.7946, 0.3397, 0.4047



80.7946, 0.2978, 0.3875

Triad

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



80.7946, 0.3397, 0.4047



80.7946, 0.2359, 0.2781



80.7946, 0.3647, 0.3065

Complementary

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



80.7946, 0.3397, 0.4047



47.4331, 0.2794, 0.2495

Split Complementary

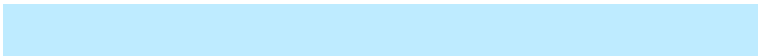
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7946, 0.3237, 0.2793



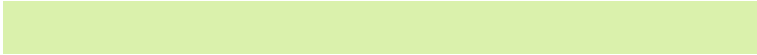
80.7946, 0.3397, 0.4047



80.7946, 0.2508, 0.2623

Square

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



80.7946, 0.3397, 0.4047



80.7946, 0.2396, 0.3098



80.7946, 0.2820, 0.2634



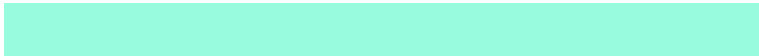
80.7946, 0.3917, 0.3398

Rectangle

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



80.7946, 0.3397, 0.4047



80.7946, 0.2724, 0.3644



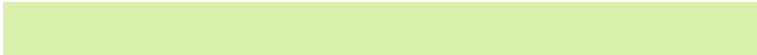
80.7946, 0.2820, 0.2634



80.7946, 0.3519, 0.2964

Sweetspot

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



80.7982, 0.3397, 0.4047



97.1894, 0.3213, 0.3515



60.1824, 0.3694, 0.3531



20.7099, 0.3227, 0.3553



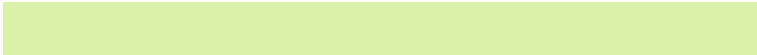
0.0000, 0.0000, 0.0000



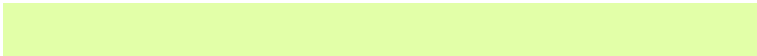
21.4041, 0.3127, 0.3290

Same Dimension

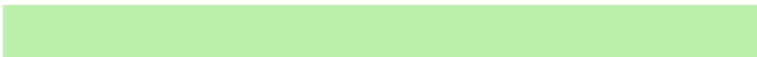
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7982, 0.3397, 0.4047



90.5517, 0.3445, 0.4200



76.1550, 0.3169, 0.4104



18.1803, 0.3217, 0.3527



38.2899, 0.3619, 0.5508



3.2394, 0.3696, 0.5448

Inverse Universe

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



47.4331, 0.2794, 0.2495



47.2265, 0.2715, 0.2324



52.3904, 0.3058, 0.2554



15.4842, 0.3032, 0.3050



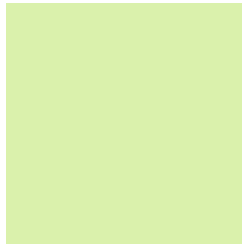
4.4389, 0.1745, 0.0735



0.4216, 0.1887, 0.0813

Previews

White Background



This preview shows how the Yxy color 80.7946, 0.3397, 0.4047 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 80.7946, 0.3397, 0.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

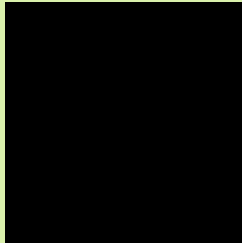
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

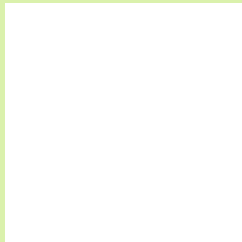
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.7946, 0.3397, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 80.7946, 0.3397, 0.4047.

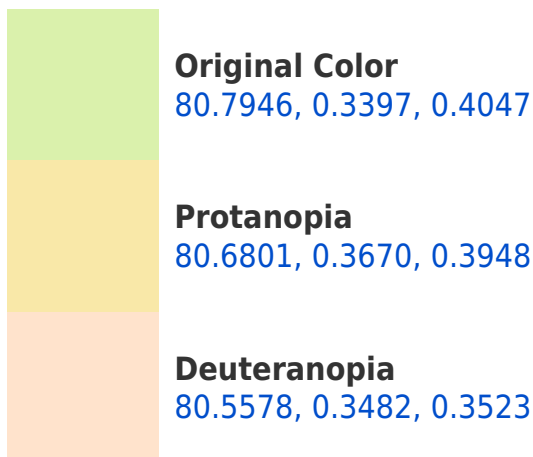


This preview shows how white text looks on a background with the Yxy color 80.7946, 0.3397, 0.4047.

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

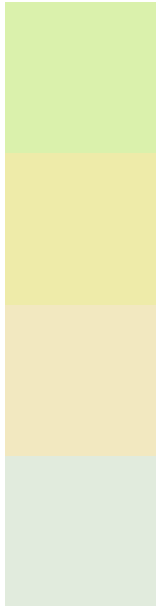




Tritanopia

80.6494, 0.3003, 0.3105

Trichromacy



Original Color

80.7946, 0.3397, 0.4047

Protanomaly

80.4584, 0.3573, 0.3986

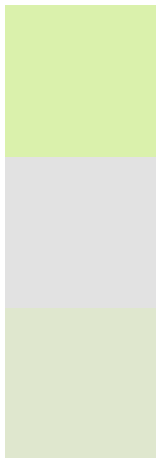
Deuteranomaly

80.3962, 0.3459, 0.3708

Tritanomaly

80.6447, 0.3147, 0.3438

Monochromacy



Original Color

80.7946, 0.3397, 0.4047

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.2960, 0.3232, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7946, 0.3397, 0.4047 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(218, 241, 172)` looks like.

```
.text, #text, p{  
    color:rgb(218, 241, 172)  
}
```

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(218, 241, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 241, 172) }
```

Border

The CSS property to change the border of an element to Yxy 80.7946, 0.3397, 0.4047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

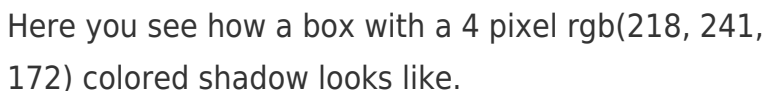
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 241, 172) }
```

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

```
.border{ border-color:rgb(218, 241, 172) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 241, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 241, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 241, 172);  
box-shadow:4px 4px 4px 4px rgb(218, 241,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7946, 0.3397, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 241, 172) }
```

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

```
.background{ background-color: rgb(218,  
241, 172) }
```

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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