

Converting Colors

$Yxy(75.5963, 0.3401, 0.4086)$

Have a look what the booklet for
Yxy(75.5963, 0.3401, 0.4086)
contains.

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Color

Yxy(75.7986, 0.3401, 0.4092)

Conversions

Conversions Part 1

Format	Color
Hex	D2EBA4
RGB	210, 235, 164
RGB Percent	82%, 92%, 64%
CMY	0.1763, 0.0785, 0.3568
CMYK	0.11, 0.00, 0.30, 0.08
HSL	81°, 64%, 78%
HSV	81°, 30%, 92%
XYZ	62.9988, 75.7986, 46.4387
YIQ	219.4310, 7.8910, -27.3810

Conversions

Conversions Part 2

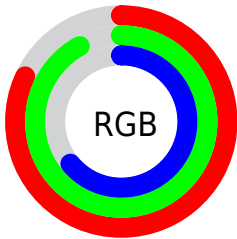
Format	Color
RYB	164, 235, 189
Decimal	13822884
CIELab	89.77, -19.94, 31.81
CIELCh	90, 37.541, 122.081
Yxy	75.7986, 0.3401, 0.4092
Android (android.graphics.Color)	4292012964 (0xFFD2EBA4)
YUV	219.4310, -27.3275, -8.2710
Hunter-Lab	87.0624, -23.1957, 29.3187

Details

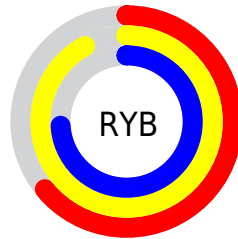
The Yxy color **75.7986, 0.3401, 0.4092** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **43.3679, 0.2783, 0.2450**, and the grayscale version is **71.3507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **40.3786, 0.3451, 0.4280** is the 20% darker color. If you saturate the color by 10%, you get **73.8483, 0.3482, 0.4375**, and if you desaturate by 10%, it is **77.9750, 0.3312, 0.3813**.

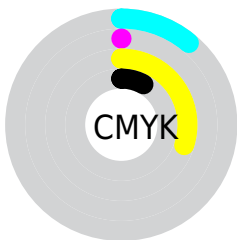
Distribution



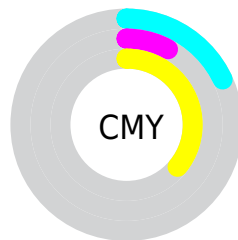
- Red (82%)
- Green (92%)
- Blue (64%)



- Red (64%)
- Yellow (92%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (8%)




- Cyan (18%)
- Magenta (8%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7986, 0.3401, 0.4092 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 75.7986, 0.3401, 0.4092 by changing the saturation by 10% instead.


 75.7986, 0.3401,
0.4092


 75.7986, 0.3401,
0.4092

480.6580, 0.3284,
0.3712

 56.2674, 0.3425,
0.4180


 127.4422, 0.3363,
0.3959

 40.4173, 0.3452,
0.4289


 160.3233, 0.3347,
0.3908

 27.8641, 0.3484,
0.4428


198.4232, 0.3333,
0.3863

 18.2232, 0.3521,
0.4610

242.1263, 0.3321,
0.3825

 11.1104, 0.3560,
0.4856

291.8169, 0.3311,
0.3792

 6.1411, 0.3592,
0.5203


347.8795, 0.3301,

 2.9311, 0.3731,


0.3762


0.5947


410.6984, 0.3292,
0.3736


 1.0959, 0.3304,
0.6696


 0.0000, 0.0000,
0.0000


 75.7986, 0.3401,
0.4092


 75.7986, 0.3401,
0.4092


 73.8483, 0.3482,
0.4375


 77.9750, 0.3312,
0.3813


 72.1045, 0.3551,
0.4652


 80.3764, 0.3221,
0.3546


 70.5601, 0.3603,
0.4910

 83.0145, 0.3129,
0.3295

 69.2036, 0.3633,
0.5137


 85.7015, 0.3058,
0.3092

 68.0218, 0.3638,
0.5320

 87.2047, 0.3112,
0.3096

 66.9993, 0.3619,
0.5453

 87.8922, 0.3136,
0.3097

 66.1271, 0.3580,
0.5540

Harmonies

Analogous

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



75.7986, 0.3787, 0.4020



75.7986, 0.3401, 0.4092



75.7986, 0.2959, 0.3905

Triad

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



75.7986, 0.3401, 0.4092



75.7986, 0.2319, 0.2745



75.7986, 0.3685, 0.3059

Complementary

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



75.7986, 0.3401, 0.4092



43.3679, 0.2783, 0.2450

Split Complementary

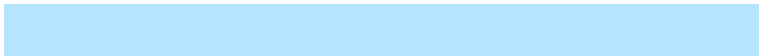
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7986, 0.3252, 0.2771



75.7986, 0.3401, 0.4092



75.7986, 0.2480, 0.2586

Square

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



75.7986, 0.3401, 0.4092



75.7986, 0.2353, 0.3075



75.7986, 0.2811, 0.2601



75.7986, 0.3967, 0.3410

Rectangle

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



75.7986, 0.3401, 0.4092



75.7986, 0.2692, 0.3656



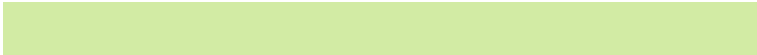
75.7986, 0.2811, 0.2601



75.7986, 0.3551, 0.2953

Sweetspot

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



75.8019, 0.3401, 0.4092



97.1113, 0.3210, 0.3516



56.6757, 0.3724, 0.3570



20.6906, 0.3223, 0.3553



0.0000, 0.0000, 0.0000



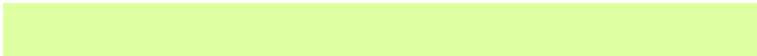
21.4041, 0.3127, 0.3290

Same Dimension

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



75.8019, 0.3401, 0.4092



89.8181, 0.3451, 0.4261



71.1680, 0.3155, 0.4157



17.3468, 0.3214, 0.3527



36.8794, 0.3589, 0.5532



2.9493, 0.3673, 0.5465

Inverse Universe

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



43.3679, 0.2783, 0.2450



45.1491, 0.2698, 0.2264



48.4570, 0.3073, 0.2518



14.8064, 0.3035, 0.3050



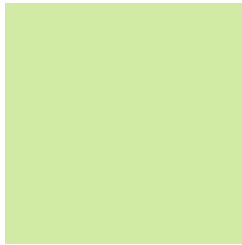
4.4157, 0.1772, 0.0750



0.3988, 0.1924, 0.0834

Previews

White Background



This preview shows how the Yxy color 75.7986, 0.3401, 0.4092 looks on a white background.

Color Contrast Check

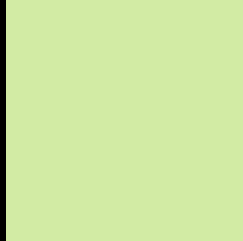
Large Text (above 18pt) WCAG AA × Fail

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 75.7986, 0.3401, 0.4092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

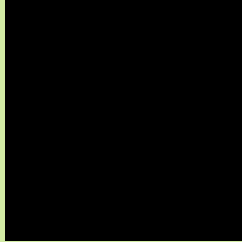
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

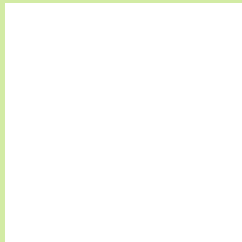
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7986, 0.3401, 0.4092

Background



This preview shows how black text looks on a background with the Yxy color 75.7986, 0.3401, 0.4092.

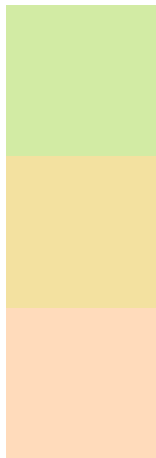


This preview shows how white text looks on a background with the Yxy color 75.7986, 0.3401, 0.4092.

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

75.7986, 0.3401, 0.4092

Protanopia

75.4432, 0.3700, 0.3975

Deuteranopia

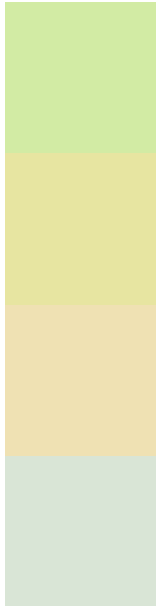
75.5109, 0.3620, 0.3619



Tritanopia

75.6936, 0.2986, 0.3100

Trichromacy



Original Color

75.7986, 0.3401, 0.4092

Protanomaly

75.6008, 0.3590, 0.4026

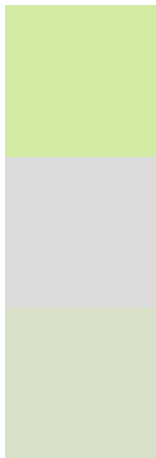
Deuteranomaly

75.4558, 0.3540, 0.3780

Tritanomaly

75.6454, 0.3140, 0.3454

Monochromacy



Original Color

75.7986, 0.3401, 0.4092

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

72.5729, 0.3234, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7986, 0.3401, 0.4092 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(210, 235, 164)` looks like.

```
.text, #text, p{  
    color:rgb(210, 235, 164)  
}
```

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(210, 235, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 235, 164) }
```

Border

The CSS property to change the border of an element to Yxy 75.7986, 0.3401, 0.4092 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(210, 235, 164) }
```

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

```
.border{ border-color:rgb(210, 235, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 235, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 235, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 235, 164);  
box-shadow:4px 4px 4px 4px rgb(210, 235,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7986, 0.3401, 0.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 235, 164) }
```

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

```
.background{ background-color: rgb(210,  
235, 164) }
```

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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