

Converting Colors

Yxy(76.4655, 0.3622, 0.4316)

Have a look what the booklet for
Yxy(76.4655, 0.3622, 0.4316)
contains.

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Color

Yxy(76.7119, 0.3621, 0.4318)

Conversions

Conversions Part 1

Format	Color
Hex	DDEB8D
RGB	221, 235, 141
RGB Percent	87%, 92%, 55%
CMY	0.1334, 0.0784, 0.4471
CMYK	0.06, 0.00, 0.40, 0.08
HSL	69°, 70%, 74%
HSV	69°, 40%, 92%
XYZ	64.3293, 76.7119, 36.6149
YIQ	220.0980, 21.8300, -32.2020

Conversions

Conversions Part 2

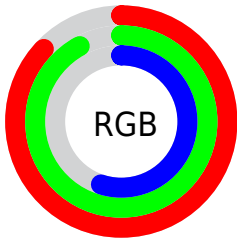
Format	Color
RYB	141, 235, 155
Decimal	14543757
CIELab	90.19, -18.72, 44.00
CIElCh	90, 47.819, 113.040
Yxy	76.7119, 0.3621, 0.4318
Android (android.graphics.Color)	4292733837 (0xFFDDEB8D)
YUV	220.0980, -38.9953, 0.7911
Hunter-Lab	87.5853, -22.1705, 36.5236

Details

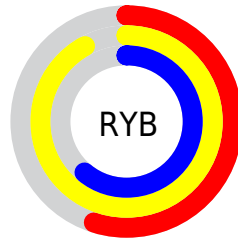
The Yxy color **76.7119, 0.3621, 0.4318** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **32.0211, 0.2489, 0.2095**, and the grayscale version is **71.9076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **40.9608, 0.3716, 0.4551** is the 20% darker color. If you saturate the color by 10%, you get **75.5434, 0.3727, 0.4563**, and if you desaturate by 10%, it is **78.0473, 0.3503, 0.4059**.

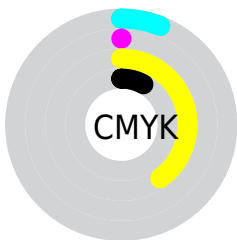
Distribution



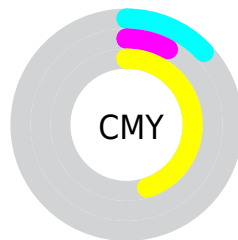
- Red (87%)
- Green (92%)
- Blue (55%)



- Red (55%)
- Yellow (92%)
- Blue (61%)



- Cyan (6%)
- Magenta (0%)
- Yellow (40%)
- Black (8%)





- Cyan (13%)
- Magenta (8%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7119, 0.3621, 0.4318 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 76.7119, 0.3621, 0.4318 by changing the saturation by 10% instead.


 76.7119, 0.3621,
0.4318


 76.7119, 0.3621,
0.4318


483.7812, 0.3411,
0.3838

 57.0165, 0.3663,
0.4426

 128.7327, 0.3553,
0.4152

 41.0184, 0.3710,
0.4559


 161.8269, 0.3525,
0.4087

 28.3335, 0.3765,
0.4723


200.1561, 0.3500,
0.4031

 18.5772, 0.3824,
0.4931

244.1047, 0.3478,
0.3983

 11.3652, 0.3882,
0.5198

294.0571, 0.3459,
0.3940

 6.3130, 0.3936,
0.5568

350.3977, 0.3441,


 3.0363, 0.3931,


0.3902


0.6069


413.5110, 0.3425,
0.3868

 1.1507, 0.3484,
0.6516


 0.0209, 0.0000,
1.0000

 76.7119, 0.3621,
0.4318

 76.7119, 0.3621,
0.4318


 75.5434, 0.3727,
0.4563


 78.0473, 0.3503,
0.4059

 74.5218, 0.3816,
0.4783


 79.5478, 0.3378,
0.3796

 73.6400, 0.3882,
0.4968

 81.2251, 0.3252,
0.3538

 72.8859, 0.3922,
0.5110


 83.0865, 0.3127,
0.3290

 72.2449, 0.3936,
0.5206

 84.9112, 0.3028,
0.3091

 71.6927, 0.3928,
0.5263

 85.5263, 0.3051,
0.3092

 86.1533, 0.3074,
0.3094

 86.7923, 0.3097,
0.3095

 87.4433, 0.3120,
0.3097

Harmonies

Analogous

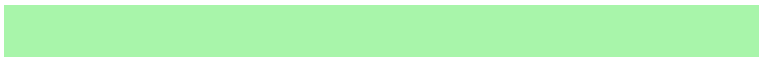
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7119, 0.4063, 0.4116



76.7119, 0.3621, 0.4318



76.7119, 0.3069, 0.4195

Triad

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



76.7119, 0.3621, 0.4318



76.7119, 0.2112, 0.2699



76.7119, 0.3679, 0.2879

Complementary

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



76.7119, 0.3621, 0.4318



32.0211, 0.2489, 0.2095

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.



76.7119, 0.3103, 0.2567



76.7119, 0.3621, 0.4318



76.7119, 0.2237, 0.2446

Square

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



76.7119, 0.3621, 0.4318



76.7119, 0.2221, 0.3165



76.7119, 0.2583, 0.2410



76.7119, 0.4118, 0.3290

Rectangle

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



76.7119, 0.3621, 0.4318



76.7119, 0.2716, 0.3919



76.7119, 0.2583, 0.2410



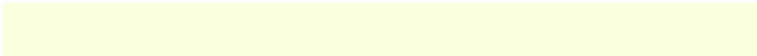
76.7119, 0.3492, 0.2761

Sweetspot

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



76.7153, 0.3621, 0.4318



97.3273, 0.3278, 0.3590



42.5456, 0.4082, 0.3435



20.7740, 0.3294, 0.3624



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.



76.7153, 0.3621, 0.4318



91.1596, 0.3709, 0.4521



70.5156, 0.3292, 0.4438



17.5064, 0.3245, 0.3524



39.9399, 0.3933, 0.5259



3.1672, 0.3971, 0.5229

Inverse Universe

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



32.0211, 0.2489, 0.2095



30.4531, 0.2329, 0.1813



37.4029, 0.2866, 0.2211



14.6568, 0.3003, 0.3048



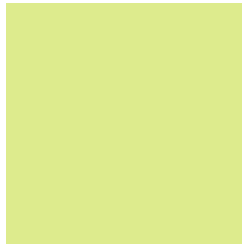
3.5717, 0.1562, 0.0634



0.3137, 0.1670, 0.0693

Previews

White Background



This preview shows how the Yxy color 76.7119, 0.3621, 0.4318 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 76.7119, 0.3621, 0.4318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

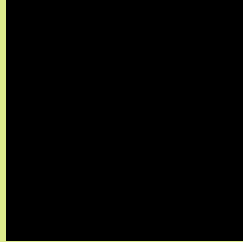
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.7119, 0.3621, 0.4318

Background



This preview shows how black text looks on a background with the Yxy color 76.7119, 0.3621, 0.4318.



This preview shows how white text looks on a background with the Yxy color 76.7119, 0.3621, 0.4318.

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

76.7119, 0.3621, 0.4318

Protanopia

76.7296, 0.3875, 0.4202

Deuteranopia

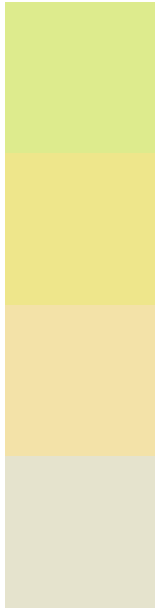
76.4336, 0.3637, 0.3670



Tritanopia

76.4499, 0.3080, 0.3104

Trichromacy



Original Color

76.7119, 0.3621, 0.4318

Protanomaly

76.6349, 0.3780, 0.4246

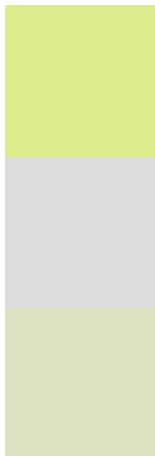
Deuteranomaly

76.2746, 0.3643, 0.3901

Tritanomaly

76.0040, 0.3285, 0.3527

Monochromacy



Original Color

76.7119, 0.3621, 0.4318

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.8277, 0.3316, 0.3668

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7119, 0.3621, 0.4318 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(221, 235, 141)` looks like.

```
.text, #text, p{  
    color:rgb(221, 235, 141)  
}
```

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(221, 235, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 235, 141) }
```

Border

The CSS property to change the border of an element to Yxy 76.7119, 0.3621, 0.4318 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(221, 235, 141) }
```

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

```
.border{ border-color:rgb(221, 235, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 235, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 235, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 235, 141);  
box-shadow:4px 4px 4px 4px rgb(221, 235,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7119, 0.3621, 0.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 235, 141) }
```

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

```
.background{ background-color: rgb(221,  
235, 141) }
```

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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