

Converting Colors

$Yxy(76.2609, 0.3749, 0.4303)$

Have a look what the booklet for
Yxy(76.2609, 0.3749, 0.4303)
contains.

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Color

Yxy(76.0852, 0.3748, 0.4302)

Conversions

Conversions Part 1

Format	Color
Hex	E8E788
RGB	232, 231, 136
RGB Percent	91%, 91%, 53%
CMY	0.0904, 0.0940, 0.4666
CMYK	0.00, 0.00, 0.41, 0.09
HSL	59°, 68%, 72%
HSV	59°, 41%, 91%
XYZ	66.2872, 76.0852, 34.4877
YIQ	220.4690, 31.0910, -29.3330

Conversions

Conversions Part 2

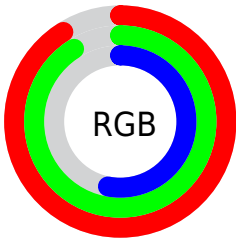
Format	Color
RYB	137, 232, 136
Decimal	15263624
CIELab	89.90, -13.06, 46.25
CIELCh	90, 48.060, 105.763
Yxy	76.0852, 0.3748, 0.4302
Android (android.graphics.Color)	4293453704 (0xFFE8E788)
YUV	220.4690, -41.6432, 10.1127
Hunter-Lab	87.2268, -16.9977, 37.6167

Details

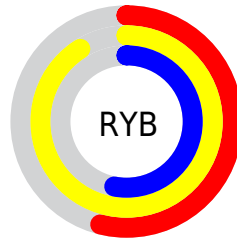
The Yxy color **76.0852, 0.3748, 0.4302** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **28.9331, 0.2358, 0.2028**, and the grayscale version is **72.1936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5416, 0.3508, 0.3919**, and **40.8047, 0.3866, 0.4532** is the 20% darker color. If you saturate the color by 10%, you get **75.3731, 0.3881, 0.4518**, and if you desaturate by 10%, it is **76.9471, 0.3602, 0.4065**.

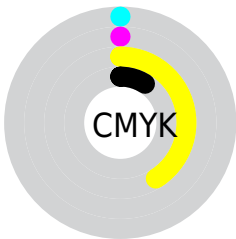
Distribution



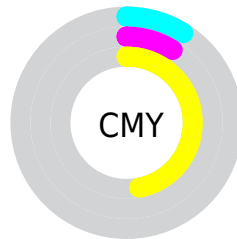
- Red (91%)
- Green (91%)
- Blue (53%)



- Red (54%)
- Yellow (91%)
- Blue (53%)



- Cyan (0%)
- Magenta (0%)
- Yellow (41%)
- Black (9%)





- Cyan (9%)
- Magenta (9%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0852, 0.3748, 0.4302 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 76.0852, 0.3748, 0.4302 by changing the saturation by 10% instead.

 76.0852, 0.3748,
0.4302

 76.0852, 0.3748,
0.4302

481.6393, 0.3479,
0.3836

 56.5024, 0.3803,
0.4405


 127.8473, 0.3660,
0.4142

 40.6058, 0.3866,
0.4530


 160.7954, 0.3624,
0.4080

 28.0112, 0.3939,
0.4683


 198.9674, 0.3592,
0.4025

 18.3341, 0.4022,
0.4873

242.7477, 0.3565,
0.3978

 11.1901, 0.4108,
0.5109

292.5206, 0.3540,
0.3936

 6.1949, 0.4222,
0.5452

348.6706, 0.3517,

 2.9639, 0.4218,

0.3899

0.5782

411.5820, 0.3497,
0.3866

■ 1.1129, 0.3938,
0.6062

■ 0.0000, 0.0000,
0.0000

■ 76.0852, 0.3748,
0.4302

■ 76.0852, 0.3748,
0.4302

■ 75.3731, 0.3881,
0.4518

■ 76.9471, 0.3602,
0.4065

■ 74.7910, 0.3996,
0.4703


■ 77.9570, 0.3450,
0.3817


■ 74.3322, 0.4088,
0.4850


■ 79.1259, 0.3297,
0.3567


■ 73.9845, 0.4154,
0.4954


■ 80.4612, 0.3147,
0.3323

 73.7339, 0.4193,
0.5015

 81.9698, 0.3004,
0.3089

 73.5752, 0.4210,
0.5039

 82.2892, 0.2986,
0.3061

 82.4162, 0.2986,
0.3063

 82.5433, 0.2986,
0.3066

 82.6706, 0.2986,
0.3068

Harmonies

Analogous

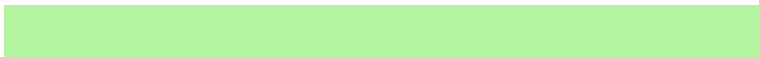
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0852, 0.4144, 0.4038



76.0852, 0.3748, 0.4302



76.0852, 0.3205, 0.4267

Triad

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



76.0852, 0.3748, 0.4302



76.0852, 0.2109, 0.2790



76.0852, 0.3547, 0.2788

Complementary

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



76.0852, 0.3748, 0.4302



28.9331, 0.2358, 0.2028

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.



76.0852, 0.2965, 0.2508



76.0852, 0.3748, 0.4302



76.0852, 0.2179, 0.2480

Square

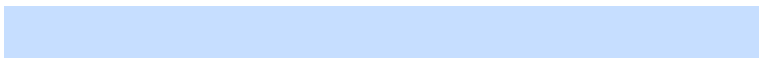
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0852, 0.3748, 0.4302



76.0852, 0.2277, 0.3301



76.0852, 0.2476, 0.2393



76.0852, 0.4042, 0.3183

Rectangle

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



76.0852, 0.3748, 0.4302



76.0852, 0.2837, 0.4041



76.0852, 0.2476, 0.2393



76.0852, 0.3352, 0.2679

Sweetspot

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



76.0887, 0.3748, 0.4302



97.9944, 0.3307, 0.3585



36.5826, 0.4174, 0.3275



20.9320, 0.3327, 0.3617



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.



76.0887, 0.3748, 0.4302



93.5391, 0.3867, 0.4495



69.8499, 0.3398, 0.4442



16.7919, 0.3268, 0.3520



40.8774, 0.4210, 0.5039



3.0285, 0.4207, 0.5041

Inverse Universe

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



28.9331, 0.2358, 0.2028



27.4016, 0.2166, 0.1711



33.4263, 0.2728, 0.2133



13.9094, 0.2980, 0.3049



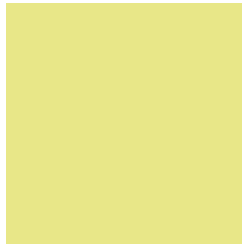
3.2720, 0.1502, 0.0606



0.2498, 0.1507, 0.0624

Previews

White Background



This preview shows how the Yxy color 76.0852, 0.3748, 0.4302 looks on a white background.

Color Contrast Check

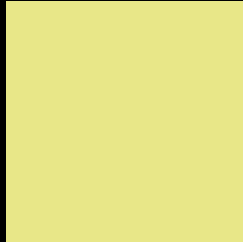
Large Text (above 18pt) WCAG AA × Fail

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 76.0852, 0.3748, 0.4302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

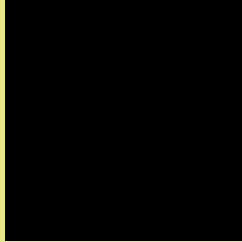
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0852, 0.3748, 0.4302

Background



This preview shows how black text looks on a background with the Yxy color 76.0852, 0.3748, 0.4302.



This preview shows how white text looks on a background with the Yxy color 76.0852, 0.3748, 0.4302.

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

76.0852, 0.3748, 0.4302

Protanopia

75.8881, 0.3897, 0.4233

Deuteranopia

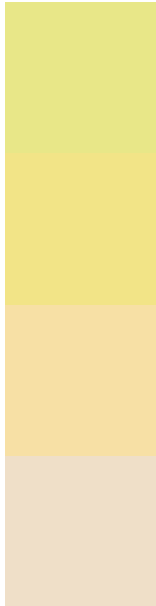
75.7826, 0.3661, 0.3691



Tritanopia

75.7739, 0.3185, 0.3117

Trichromacy



Original Color

76.0852, 0.3748, 0.4302

Protanomaly

76.1133, 0.3843, 0.4256

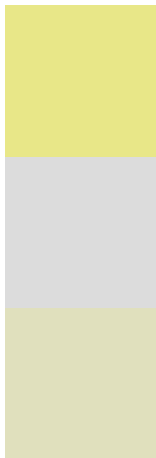
Deuteranomaly

75.8021, 0.3700, 0.3906

Tritanomaly

75.2962, 0.3398, 0.3534

Monochromacy



Original Color

76.0852, 0.3748, 0.4302

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.8327, 0.3361, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0852, 0.3748, 0.4302 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(232, 231, 136)` looks like.

```
.text, #text, p{  
    color:rgb(232, 231, 136)  
}
```

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(232, 231, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 231, 136) }
```

Border

The CSS property to change the border of an element to Yxy 76.0852, 0.3748, 0.4302 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(232, 231, 136) }
```

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

```
.border{ border-color:rgb(232, 231, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 231, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 231, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 231, 136);  
box-shadow:4px 4px 4px 4px rgb(232, 231,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0852, 0.3748, 0.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 231, 136) }
```

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

```
.background{ background-color: rgb(232,  
231, 136) }
```

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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