

Converting Colors

$Yxy(76.7002, 0.3591, 0.4125)$

Have a look what the booklet for
Yxy(76.7002, 0.3591, 0.4125)
contains.

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Color

Yxy(76.5738, 0.3597, 0.4125)

Conversions

Conversions Part 1

Format	Color
Hex	E4E89B
RGB	228, 232, 155
RGB Percent	89%, 91%, 61%
CMY	0.1058, 0.0902, 0.3920
CMYK	0.02, 0.00, 0.33, 0.09
HSL	63°, 63%, 76%
HSV	63°, 33%, 91%
XYZ	66.7724, 76.5738, 42.2873
YIQ	222.0260, 22.3330, -24.7950

Conversions

Conversions Part 2

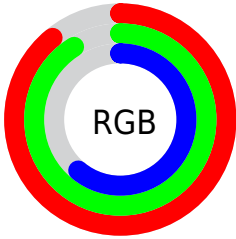
Format	Color
RYB	155, 232, 159
Decimal	15001755
CIELab	90.13, -12.95, 37.05
CIELCh	90, 39.253, 109.266
Yxy	76.5738, 0.3597, 0.4125
Android (android.graphics.Color)	4293191835 (0xFFE4E89B)
YUV	222.0260, -33.0438, 5.2392
Hunter-Lab	87.5065, -16.9307, 32.6028

Details

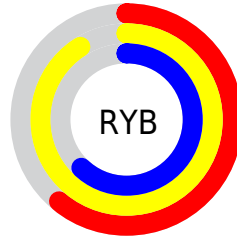
The Yxy color **76.5738, 0.3597, 0.4125** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.6560, 0.2561, 0.2312**, and the grayscale version is **73.2971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **40.8006, 0.3696, 0.4311** is the 20% darker color. If you saturate the color by 10%, you get **75.6747, 0.3730, 0.4367**, and if you desaturate by 10%, it is **77.6309, 0.3456, 0.3872**.

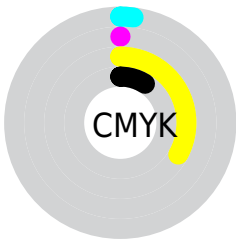
Distribution



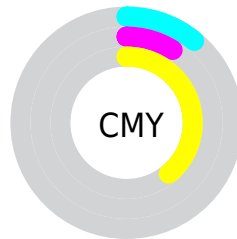
- Red (89%)
- Green (91%)
- Blue (61%)



- Red (61%)
- Yellow (91%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (33%)
- Black (9%)




- Cyan (11%)
- Magenta (9%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5738, 0.3597, 0.4125 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 76.5738, 0.3597, 0.4125 by changing the saturation by 10% instead.


 76.5738, 0.3597,
0.4125

 76.5738, 0.3597,
0.4125


483.3097, 0.3391,
0.3737

 56.9031, 0.3640,
0.4213


 128.5377, 0.3528,
0.3991

 40.9275, 0.3691,
0.4320


 161.5997, 0.3501,
0.3938

 28.2624, 0.3752,
0.4455


199.8943, 0.3477,
0.3893

 18.5236, 0.3825,
0.4626

243.8058, 0.3455,
0.3854

 11.3265, 0.3909,
0.4850

293.7188, 0.3437,
0.3819

 6.2869, 0.3998,
0.5148

350.0174, 0.3420,

 3.0203, 0.4228,

0.3789

0.5772

413.0863, 0.3405,
0.3761

■ 1.1424, 0.3961,
0.6039

■ 0.0138, 0.0000,
1.0000

■ 76.5738, 0.3597,
0.4125

■ 76.5738, 0.3597,
0.4125

■ 75.6747, 0.3730,
0.4367

■ 77.6309, 0.3456,
0.3872

■ 74.9147, 0.3849,
0.4589


■ 78.8436, 0.3313,
0.3617


■ 74.2878, 0.3948,
0.4779

■ 80.2228, 0.3171,
0.3367

■ 73.7832, 0.4024,
0.4930


■ 81.7752, 0.3035,
0.3129

 73.3888, 0.4073,
0.5037


 82.4310, 0.3000,
0.3058

 73.0896, 0.4097,
0.5101

 82.6354, 0.3007,
0.3059

 72.9242, 0.4102,
0.5125

 82.8413, 0.3015,
0.3059

 83.0485, 0.3023,
0.3060

 83.2571, 0.3031,
0.3060

Harmonies

Analogous

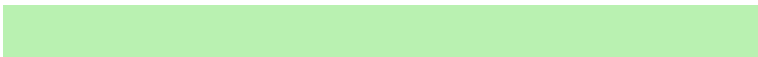
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5738, 0.3937, 0.3949



76.5738, 0.3597, 0.4125



76.5738, 0.3146, 0.4050

Triad

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



76.5738, 0.3597, 0.4125



76.5738, 0.2278, 0.2849



76.5738, 0.3526, 0.2910

Complementary

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



76.5738, 0.3597, 0.4125



36.6560, 0.2561, 0.2312

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.



76.5738, 0.3053, 0.2659



76.5738, 0.3597, 0.4125



76.5738, 0.2359, 0.2605

Square

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



76.5738, 0.3597, 0.4125



76.5738, 0.2399, 0.3253



76.5738, 0.2632, 0.2547



76.5738, 0.3906, 0.3253

Rectangle

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



76.5738, 0.3597, 0.4125



76.5738, 0.2846, 0.3848



76.5738, 0.2632, 0.2547



76.5738, 0.3371, 0.2813

Sweetspot

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



76.5772, 0.3597, 0.4125



98.2151, 0.3268, 0.3538



44.2813, 0.3886, 0.3337



20.9720, 0.3288, 0.3573



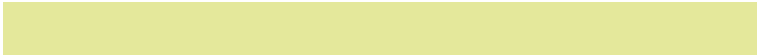
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



76.5772, 0.3597, 0.4125



94.0900, 0.3692, 0.4297



70.9868, 0.3315, 0.4208



16.7771, 0.3260, 0.3523



40.5016, 0.4103, 0.5124



3.0047, 0.4117, 0.5113

Inverse Universe

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



36.6560, 0.2561, 0.2312



37.3012, 0.2417, 0.2068



41.2019, 0.2868, 0.2391



13.9227, 0.2988, 0.3047



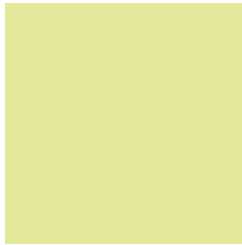
3.2942, 0.1517, 0.0609



0.2561, 0.1563, 0.0635

Previews

White Background



This preview shows how the Yxy color 76.5738, 0.3597, 0.4125 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 76.5738, 0.3597, 0.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

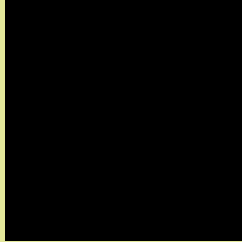
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.5738, 0.3597, 0.4125

Background



This preview shows how black text looks on a background with the Yxy color 76.5738, 0.3597, 0.4125.

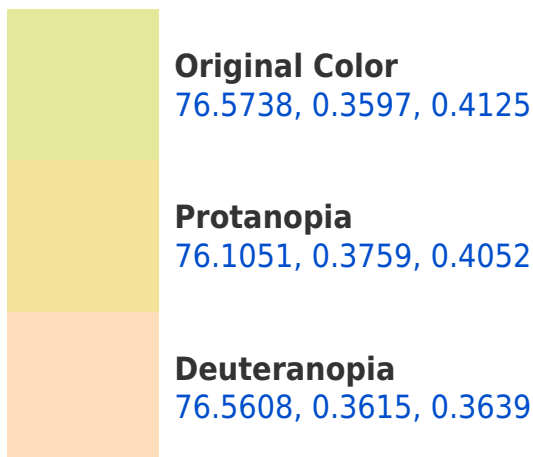


This preview shows how white text looks on a background with the Yxy color 76.5738, 0.3597, 0.4125.

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

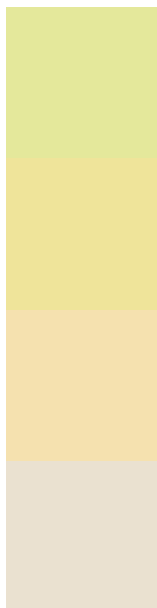




Tritanopia

76.1220, 0.3129, 0.3105

Trichromacy



Original Color

76.5738, 0.3597, 0.4125

Protanomaly

76.1706, 0.3700, 0.4074

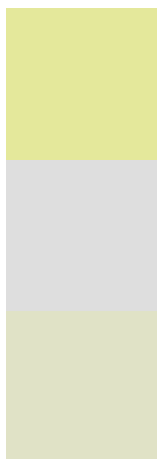
Deuteranomaly

76.3581, 0.3613, 0.3815

Tritanomaly

75.8969, 0.3304, 0.3471

Monochromacy



Original Color

76.5738, 0.3597, 0.4125

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.3172, 0.3297, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5738, 0.3597, 0.4125 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(228, 232, 155)` looks like.

```
.text, #text, p{  
    color:rgb(228, 232, 155)  
}
```

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(228, 232, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 232, 155) }
```

Border

The CSS property to change the border of an element to Yxy 76.5738, 0.3597, 0.4125 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(228, 232, 155) }
```

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

```
.border{ border-color:rgb(228, 232, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 232, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 232, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 232, 155);  
box-shadow:4px 4px 4px 4px rgb(228, 232,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5738, 0.3597, 0.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 232, 155) }
```

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

```
.background{ background-color: rgb(228,  
232, 155) }
```

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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