

Converting Colors

$Yxy(76.2579, 0.3307, 0.3623)$

Have a look what the booklet for
Yxy(76.2579, 0.3307, 0.3623)
contains.

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Color

Yxy(76.2846, 0.3308, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	E2E5C6
RGB	226, 229, 198
RGB Percent	89%, 90%, 78%
CMY	0.1137, 0.1019, 0.2236
CMYK	0.01, 0.00, 0.14, 0.10
HSL	66°, 37%, 84%
HSV	66°, 14%, 90%
XYZ	69.5753, 76.2846, 64.4644
YIQ	224.5690, 8.1630, -10.2770

Conversions

Conversions Part 2

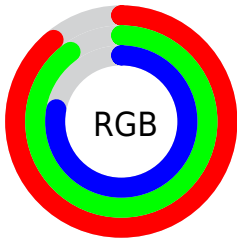
Format	Color
R _Y B	198, 229, 201
Decimal	14869958
CIE Lab	89.99, -6.24, 14.81
CIE LCh	90, 16.067, 112.857
Yxy	76.2846, 0.3308, 0.3627
Android (android.graphics.Color)	4293060038 (0xFFE2E5C6)
YUV	224.5690, -13.0985, 1.2550
Hunter-Lab	87.3411, -10.6550, 17.3782

Details

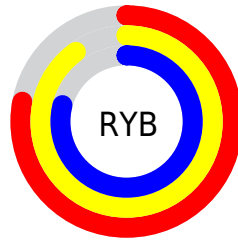
The Yxy color **76.2846, 0.3308, 0.3627** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.4451, 0.2932, 0.2934**, and the grayscale version is **75.0622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9436, 0.3353, 0.3714** is the 20% darker color. If you saturate the color by 10%, you get **74.9547, 0.3443, 0.3885**, and if you desaturate by 10%, it is **77.7856, 0.3174, 0.3376**.

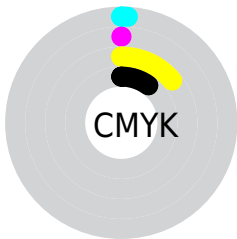
Distribution



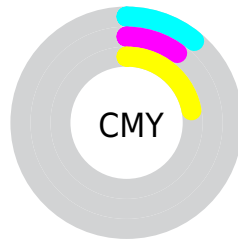
- Red (89%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2846, 0.3308, 0.3627 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 76.2846, 0.3308, 0.3627 by changing the saturation by 10% instead.

■ 76.2846, 0.3308,
0.3627

■ 76.2846, 0.3308,
0.3627

482.3214, 0.3226,
0.3470

■ 56.6659, 0.3326,
0.3663

128.1291, 0.3280,
0.3573

■ 40.7371, 0.3349,
0.3707

161.1237, 0.3269,
0.3551

■ 28.1137, 0.3377,
0.3764

199.3458, 0.3259,
0.3533

■ 18.4114, 0.3412,
0.3837

243.1797, 0.3251,
0.3517

■ 11.2457, 0.3460,
0.3938

293.0098, 0.3244,
0.3504

■ 6.2324, 0.3526,
0.4083

349.2205, 0.3237,

■ 2.9869, 0.3621,

0.3491

0.4309

412.1962, 0.3231,
0.3480

■ 1.1249, 0.4103,
0.5126

■ 0.0000, 0.0000,
0.0000

■ 76.2846, 0.3308,
0.3627

■ 76.2846, 0.3308,
0.3627

■ 74.9547, 0.3443,
0.3885

■ 77.7856, 0.3174,
0.3376

■ 73.7787, 0.3576,
0.4142

■ 79.4543, 0.3044,
0.3138

■ 72.7521, 0.3700,
0.4389

■ 80.5257, 0.2990,
0.3027

■ 71.8667, 0.3810,
0.4617

■ 80.8996, 0.3005,
0.3028

71.1132, 0.3901,
0.4815

81.2781, 0.3019,
0.3029

70.4812, 0.3967,
0.4974

81.6613, 0.3034,
0.3030

69.9587, 0.4008,
0.5089

82.0493, 0.3049,
0.3031

69.5313, 0.4023,
0.5160

82.4419, 0.3063,
0.3033

69.2913, 0.4022,
0.5188

82.8394, 0.3078,
0.3034

Harmonies

Analogous

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



76.2846, 0.3450, 0.3583



76.2846, 0.3308, 0.3627



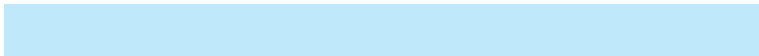
76.2846, 0.3120, 0.3575

Triad

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



76.2846, 0.3308, 0.3627



76.2846, 0.2763, 0.3100



76.2846, 0.3314, 0.3146

Complementary

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



76.2846, 0.3308, 0.3627



58.4451, 0.2932, 0.2934

Split Complementary

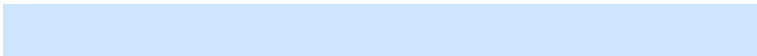
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2846, 0.3125, 0.3026



76.2846, 0.3308, 0.3627



76.2846, 0.2811, 0.2996

Square

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



76.2846, 0.3308, 0.3627



76.2846, 0.2809, 0.3262



76.2846, 0.2942, 0.2971



76.2846, 0.3455, 0.3304

Rectangle

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



76.2846, 0.3308, 0.3627



76.2846, 0.2995, 0.3491



76.2846, 0.2942, 0.2971



76.2846, 0.3254, 0.3101

Sweetspot

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



76.2879, 0.3308, 0.3627



99.1740, 0.3180, 0.3388



62.3017, 0.3372, 0.3319



21.1949, 0.3190, 0.3407



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

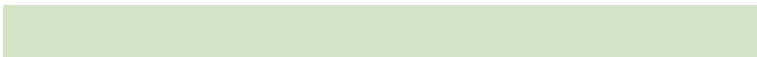
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2879, 0.3308, 0.3627



96.9055, 0.3342, 0.3692



73.9522, 0.3200, 0.3638



16.7428, 0.3253, 0.3523



39.6443, 0.4025, 0.5186



2.9502, 0.4051, 0.5165

Inverse Universe

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



58.4451, 0.2932, 0.2934



70.3415, 0.2892, 0.2861



60.6423, 0.3045, 0.2946



13.9534, 0.2995, 0.3048



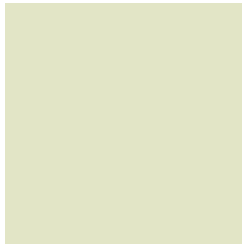
3.3559, 0.1533, 0.0618



0.2708, 0.1616, 0.0664

Previews

White Background



This preview shows how the Yxy color 76.2846, 0.3308, 0.3627 looks on a white background.

Color Contrast Check

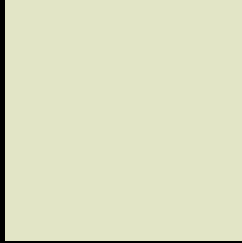
Large Text (above 18pt) WCAG AA × Fail

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 76.2846, 0.3308, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

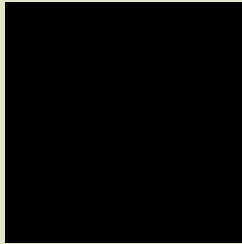
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

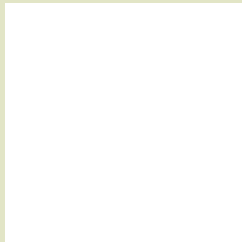
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2846, 0.3308, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 76.2846, 0.3308, 0.3627.

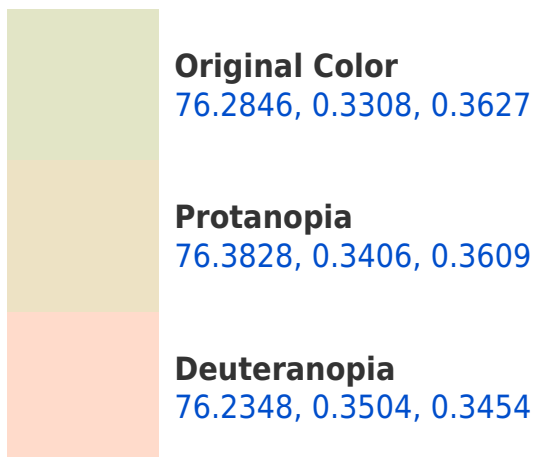


This preview shows how white text looks on a background with the Yxy color 76.2846, 0.3308, 0.3627.

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

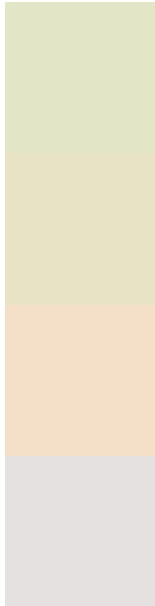




Tritanopia

76.2820, 0.3074, 0.3104

Trichromacy



Original Color

76.2846, 0.3308, 0.3627

Protanomaly

76.2930, 0.3368, 0.3612

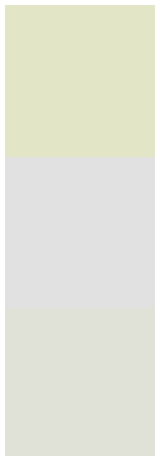
Deuteranomaly

76.2255, 0.3429, 0.3520

Tritanomaly

76.1097, 0.3162, 0.3290

Monochromacy



Original Color

76.2846, 0.3308, 0.3627

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.3066, 0.3192, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2846, 0.3308, 0.3627 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(226, 229, 198)` looks like.

```
.text, #text, p{  
    color:rgb(226, 229, 198)  
}
```

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(226, 229, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 229, 198) }
```

Border

The CSS property to change the border of an element to Yxy 76.2846, 0.3308, 0.3627 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(226, 229, 198) }
```

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

```
.border{ border-color:rgb(226, 229, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 229, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 229, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 229, 198);  
box-shadow:4px 4px 4px 4px rgb(226, 229,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2846, 0.3308, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 229, 198) }
```

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

```
.background{ background-color: rgb(226,  
229, 198) }
```

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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