

Converting Colors

$Yxy(77.5512, 0.3495, 0.3931)$

Have a look what the booklet for
Yxy(77.5512, 0.3495, 0.3931)
contains.

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Color

Yxy(77.5533, 0.3496, 0.3928)

Conversions

Conversions Part 1

Format	Color
Hex	E6E8AD
RGB	230, 232, 173
RGB Percent	90%, 91%, 68%
CMY	0.0982, 0.0901, 0.3216
CMYK	0.01, 0.00, 0.25, 0.09
HSL	62°, 56%, 79%
HSV	62°, 25%, 91%
XYZ	69.0240, 77.5533, 50.8598
YIQ	224.6760, 17.7470, -18.7730

Conversions

Conversions Part 2

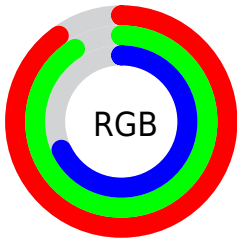
Format	Color
RYB	173, 232, 175
Decimal	15132845
CIELab	90.58, -9.95, 28.57
CIELCh	91, 30.255, 109.206
Yxy	77.5533, 0.3496, 0.3928
Android (android.graphics.Color)	4293322925 (0xFFE6E8AD)
YUV	224.6760, -25.4763, 4.6691
Hunter-Lab	88.0644, -14.2060, 27.4033

Details

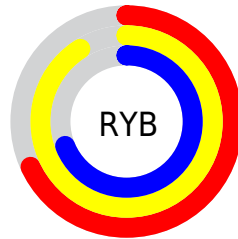
The Yxy color **77.5533, 0.3496, 0.3928** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **44.8281, 0.2704, 0.2568**, and the grayscale version is **75.2253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **41.4054, 0.3579, 0.4074** is the 20% darker color. If you saturate the color by 10%, you get **76.6024, 0.3639, 0.4178**, and if you desaturate by 10%, it is **78.6677, 0.3350, 0.3674**.

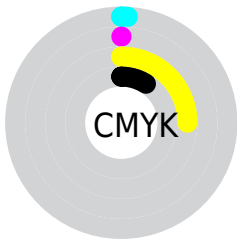
Distribution



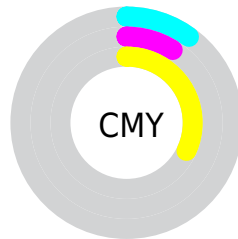
- Red (90%)
- Green (91%)
- Blue (68%)



- Red (68%)
- Yellow (91%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (25%)
- Black (9%)





- Cyan (10%)
- Magenta (9%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.5533, 0.3496, 0.3928 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 77.5533, 0.3496, 0.3928 by changing the saturation by 10% instead.


 77.5533, 0.3496,
0.3928

 77.5533, 0.3496,
0.3928

486.6485, 0.3332,
0.3632

 57.7071, 0.3532,
0.3995


 129.9202, 0.3441,
0.3825

 41.5732, 0.3574,
0.4078


163.2097, 0.3419,
0.3785

 28.7673, 0.3626,
0.4182


201.7492, 0.3399,
0.3751

 18.9048, 0.3691,
0.4317

245.9229, 0.3383,
0.3721

 11.6015, 0.3772,
0.4497

296.1152, 0.3368,
0.3695

 6.4730, 0.3873,
0.4746

352.7107, 0.3354,

 3.1348, 0.4038,

0.3671

0.5166

416.0936, 0.3342,
0.3651

■ 1.2025, 0.4198,
0.5802

■ 0.0637, 0.0000,
1.0000

■ 77.5533, 0.3496,
0.3928

■ 77.5533, 0.3496,
0.3928

■ 76.6024, 0.3639,
0.4178

■ 78.6677, 0.3350,
0.3674

■ 75.7966, 0.3772,
0.4414

■ 79.9427, 0.3204,
0.3423


■ 75.1305, 0.3890,
0.4626

■ 81.3887, 0.3064,
0.3181

■ 74.5944, 0.3988,
0.4804


■ 82.2974, 0.2994,
0.3058

 74.1774, 0.4060,
0.4942

 82.4333, 0.2999,
0.3058


 73.8667, 0.4107,
0.5036


 82.5698, 0.3004,
0.3059

 73.6465, 0.4128,
0.5087

 82.7069, 0.3010,
0.3059

 73.5647, 0.4132,
0.5101

 82.8446, 0.3015,
0.3060

 82.9830, 0.3020,
0.3060

Harmonies

Analogous

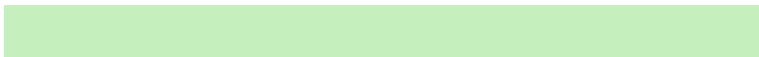
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5533, 0.3753, 0.3806



77.5533, 0.3496, 0.3928



77.5533, 0.3149, 0.3862

Triad

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



77.5533, 0.3496, 0.3928



77.5533, 0.2463, 0.2957



77.5533, 0.3435, 0.2994

Complementary

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



77.5533, 0.3496, 0.3928



44.8281, 0.2704, 0.2568

Split Complementary

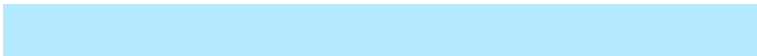
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.5533, 0.3073, 0.2794



77.5533, 0.3496, 0.3928



77.5533, 0.2528, 0.2760

Square

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



77.5533, 0.3496, 0.3928



77.5533, 0.2562, 0.3269



77.5533, 0.2744, 0.2708



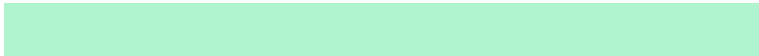
77.5533, 0.3722, 0.3268

Rectangle

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



77.5533, 0.3496, 0.3928



77.5533, 0.2915, 0.3712



77.5533, 0.2744, 0.2708



77.5533, 0.3317, 0.2917

Sweetspot

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



77.5568, 0.3496, 0.3928



98.6211, 0.3242, 0.3487



50.8182, 0.3662, 0.3314



21.0567, 0.3264, 0.3525



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.



77.5568, 0.3496, 0.3928



95.3964, 0.3578, 0.4072



73.0921, 0.3282, 0.3974



16.7904, 0.3262, 0.3523



40.8459, 0.4133, 0.5100



3.0264, 0.4142, 0.5093

Inverse Universe

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



44.8281, 0.2704, 0.2568



47.7980, 0.2592, 0.2378



48.6139, 0.2932, 0.2613



13.9109, 0.2985, 0.3047



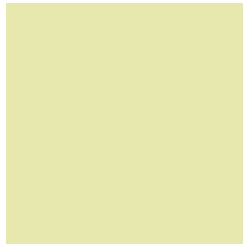
3.2744, 0.1511, 0.0606



0.2504, 0.1542, 0.0623

Previews

White Background



This preview shows how the Yxy color 77.5533, 0.3496, 0.3928 looks on a white background.

Color Contrast Check

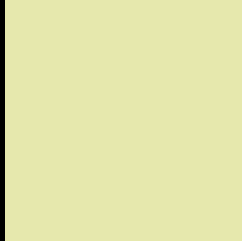
Large Text (above 18pt) WCAG AA × Fail

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 77.5533, 0.3496, 0.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

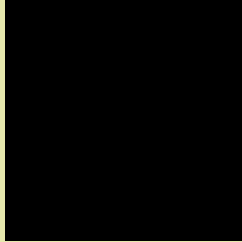
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

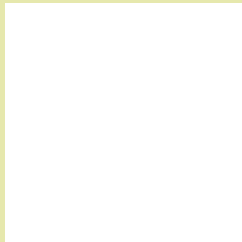
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.5533, 0.3496, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 77.5533, 0.3496, 0.3928.



This preview shows how white text looks on a background with the Yxy color 77.5533, 0.3496, 0.3928.

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

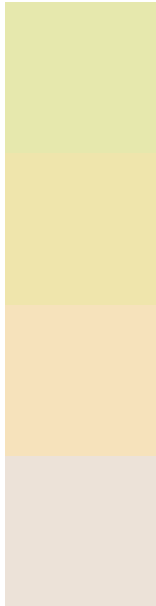




Tritanopia

77.4769, 0.3122, 0.3106

Trichromacy



Original Color

77.5533, 0.3496, 0.3928

Protanomaly

77.3679, 0.3577, 0.3895

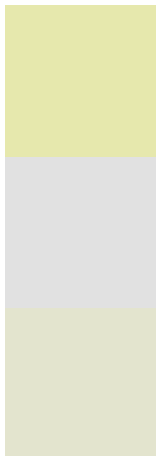
Deuteranomaly

77.5734, 0.3535, 0.3697

Tritanomaly

77.1834, 0.3263, 0.3395

Monochromacy



Original Color

77.5533, 0.3496, 0.3928

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.2739, 0.3263, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.5533, 0.3496, 0.3928 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(230, 232, 173)` looks like.

```
.text, #text, p{  
    color:rgb(230, 232, 173)  
}
```

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(230, 232, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 232, 173) }
```

Border

The CSS property to change the border of an element to Yxy 77.5533, 0.3496, 0.3928 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(230, 232, 173) }
```

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

```
.border{ border-color:rgb(230, 232, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 232, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 232, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 232, 173);  
box-shadow:4px 4px 4px 4px rgb(230, 232,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 77.5533, 0.3496, 0.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 232, 173) }
```

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

```
.background{ background-color: rgb(230,  
232, 173) }
```

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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