

Converting Colors

$Yxy(77.2804, 0.3866, 0.4060)$

Have a look what the booklet for
Yxy(77.2804, 0.3866, 0.4060)
contains.

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Color

Yxy(77.2804, 0.3866, 0.4060)

Conversions

Conversions Part 1

Format	Color
Hex	FFE195
RGB	255, 225, 149
RGB Percent	100%, 88%, 58%
CMY	0.0000, 0.1176, 0.4156
CMYK	0.00, 0.12, 0.42, 0.00
HSL	43°, 100%, 79%
HSV	43°, 42%, 100%
XYZ	73.5877, 77.2804, 39.4777
YIQ	225.3060, 42.2760, -17.2760

Conversions

Conversions Part 2

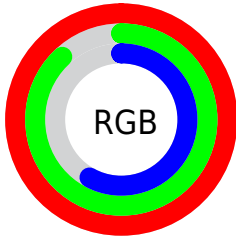
Format	Color
R _Y B	191, 255, 149
Decimal	16769429
CIE Lab	90.45, 0.28, 40.92
CIE LCh	90, 40.923, 89.607
Yxy	77.2804, 0.3866, 0.4060
Android (android.graphics.Color)	4294959509 (0xFFFFE195)
YUV	225.3060, -37.6189, 26.0416
Hunter-Lab	87.9093, -4.4212, 34.9109

Details

The Yxy color **77.2804, 0.3866, 0.4060** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.8482, 0.2408, 0.2371**, and the grayscale version is **75.7821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **41.4828, 0.4025, 0.4221** is the 20% darker color. If you saturate the color by 10%, you get **72.7382, 0.4065, 0.4232**, and if you desaturate by 10%, it is **82.1728, 0.3670, 0.3875**.

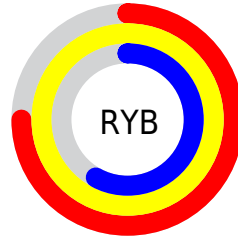
Distribution



Red (100%)

Green (88%)

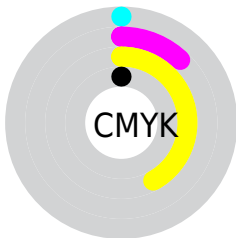
Blue (58%)



Red (75%)

Yellow (100%)

Blue (58%)

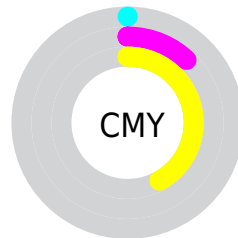


Cyan (0%)

Magenta (12%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.2804, 0.3866, 0.4060 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 77.2804, 0.3866, 0.4060 by changing the saturation by 10% instead.


 77.2804, 0.3866,
0.4060


 77.2804, 0.3866,
0.4060


485.7195, 0.3535,
0.3716

 57.4830, 0.3937,
0.4134


 129.5352, 0.3754,
0.3944

 41.3932, 0.4022,
0.4222

 162.7615, 0.3710,
0.3898

 28.6264, 0.4125,
0.4329


201.2328, 0.3671,
0.3858

 18.7984, 0.4251,
0.4459

245.3336, 0.3637,
0.3822

 11.5247, 0.4404,
0.4617

295.4483, 0.3607,
0.3791

 6.4209, 0.4588,
0.4806

351.9612, 0.3581,

 3.1027, 0.4886,

0.3763

0.5114

415.2569, 0.3557,
0.3738

■ 1.1856, 0.4891,
0.5109

■ 0.0499, 0.5211,
0.4789

■ 77.2804, 0.3866,
0.4060

■ 77.2804, 0.3866,
0.4060

■ 72.7382, 0.4065,
0.4232

■ 82.1728, 0.3670,
0.3875

■ 68.5217, 0.4260,
0.4380

■ 87.4174, 0.3484,
0.3685

■ 64.6194, 0.4441,
0.4493

■ 93.0295, 0.3310,
0.3497

■ 61.0138, 0.4599,
0.4561

■ 99.0202, 0.3151,
0.3317

■ 57.6848, 0.4728,
0.4579

99.9977, 0.3127,
0.3290

■ 55.0650, 0.4814,
0.4560

Harmonies

Analogous

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



77.2804, 0.4081, 0.3761



77.2804, 0.3866, 0.4060



77.2804, 0.3459, 0.4165

Triad

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



77.2804, 0.3866, 0.4060



77.2804, 0.2306, 0.3090



77.2804, 0.3219, 0.2712

Complementary

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



77.2804, 0.3866, 0.4060



45.8482, 0.2408, 0.2371

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.



77.2804, 0.2749, 0.2542



77.2804, 0.3866, 0.4060



77.2804, 0.2253, 0.2722

Square

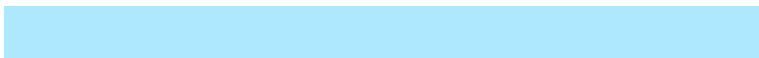
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2804, 0.3866, 0.4060



77.2804, 0.2563, 0.3569



77.2804, 0.2408, 0.2538



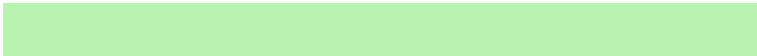
77.2804, 0.3697, 0.3010

Rectangle

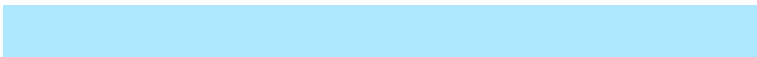
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2804, 0.3866, 0.4060



77.2804, 0.3140, 0.4079



77.2804, 0.2408, 0.2538



77.2804, 0.3054, 0.2639

Sweetspot

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



77.2840, 0.3866, 0.4060



92.7844, 0.3318, 0.3506



46.0141, 0.3891, 0.2978



19.6986, 0.3340, 0.3530



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.



77.2840, 0.3866, 0.4060



73.4329, 0.4034, 0.4207



90.8432, 0.3591, 0.4381



20.1711, 0.3276, 0.3460



29.0422, 0.4801, 0.4570



3.0135, 0.4716, 0.4638

Inverse Universe

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



45.8482, 0.2408, 0.2371



38.1671, 0.2250, 0.2143



37.4873, 0.2507, 0.2052



18.2144, 0.2979, 0.3114



6.4204, 0.1599, 0.0954



0.8010, 0.1659, 0.1170

Previews

White Background



This preview shows how the Yxy color 77.2804, 0.3866, 0.4060 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 77.2804, 0.3866, 0.4060 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 77.2804, 0.3866, 0.4060

Background



This preview shows how black text looks on a background with the Yxy color 77.2804, 0.3866, 0.4060.



This preview shows how white text looks on a background with the Yxy color 77.2804, 0.3866, 0.4060.

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

77.2804, 0.3866, 0.4060

Protanopia

77.4630, 0.3787, 0.4096

Deuteranopia

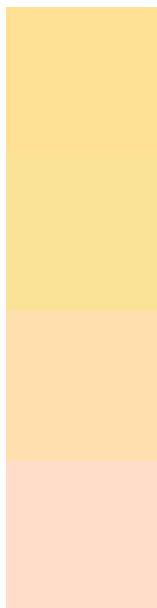
77.1334, 0.3605, 0.3638



Tritanopia

77.1723, 0.3307, 0.3161

Trichromacy



Original Color

77.2804, 0.3866, 0.4060

Protanomaly

77.4642, 0.3813, 0.4080

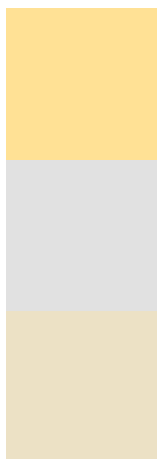
Deuteranomaly

77.0913, 0.3702, 0.3792

Tritanomaly

77.1899, 0.3515, 0.3494

Monochromacy



Original Color

77.2804, 0.3866, 0.4060

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.7145, 0.3394, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2804, 0.3866, 0.4060 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(255, 225, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 149)  
}
```

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(255, 225, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 149) }
```

Border

The CSS property to change the border of an element to Yxy 77.2804, 0.3866, 0.4060 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(255, 225, 149) }
```

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

```
.border{ border-color:rgb(255, 225, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2804, 0.3866, 0.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 149) }
```

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

```
.background{ background-color: rgb(255,  
225, 149) }
```

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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