

Converting Colors

$Y_{xy}(77.7999, 0.3972, 0.4318)$

Have a look what the booklet for
Yxy(77.7999, 0.3972, 0.4318)
contains.

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Color

Yxy(77.6629, 0.3980, 0.4318)

Conversions

Conversions Part 1

Format	Color
Hex	FCE47D
RGB	252, 228, 125
RGB Percent	99%, 89%, 49%
CMY	0.0118, 0.1058, 0.5099
CMYK	0.00, 0.10, 0.50, 0.01
HSL	49°, 95%, 74%
HSV	49°, 50%, 99%
XYZ	71.5837, 77.6629, 30.6119
YIQ	223.4340, 47.3670, -26.9450

Conversions

Conversions Part 2

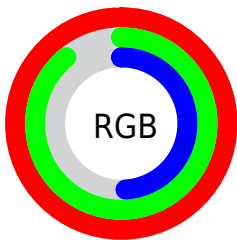
Format	Color
R_{YB}	155, 252, 125
Decimal	16573565
CIE _{Lab}	90.63, -4.68, 52.82
CIE _{LCh}	91, 53.024, 95.065
Yxy	77.6629, 0.3980, 0.4318
Android (android.graphics.Color)	4294763645 (0xFFFC _{E47D})
YUV	223.4340, -48.5280, 25.0524
Hunter-Lab	88.1266, -9.2290, 41.0934

Details

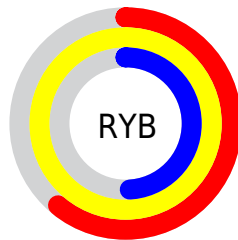
The Yxy color **77.6629, 0.3980, 0.4318** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **32.8635, 0.2213, 0.1978**, and the grayscale version is **74.4430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0753, 0.3573, 0.4028**, and **41.7056, 0.4137, 0.4524** is the 20% darker color. If you saturate the color by 10%, you get **74.5215, 0.4146, 0.4485**, and if you desaturate by 10%, it is **81.0468, 0.3805, 0.4126**.

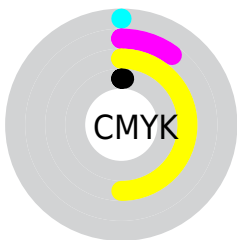
Distribution



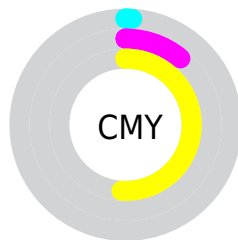
- Red (99%)
- Green (89%)
- Blue (49%)



- Red (61%)
- Yellow (99%)
- Blue (49%)



- Cyan (0%)
- Magenta (10%)
- Yellow (50%)
- Black (1%)





- Cyan (1%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.6629, 0.3980, 0.4318 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 77.6629, 0.3980, 0.4318 by changing the saturation by 10% instead.

 77.6629, 0.3980,
0.4318

 77.6629, 0.3980,
0.4318


487.0212, 0.3609,
0.3861

 57.7971, 0.4055,
0.4414

 130.0748, 0.3858,
0.4166

 41.6456, 0.4143,
0.4527


 163.3897, 0.3809,
0.4104

 28.8239, 0.4243,
0.4660


 201.9564, 0.3765,
0.4051

 18.9476, 0.4357,
0.4816

246.1594, 0.3727,
0.4004

 11.6324, 0.4479,
0.4995

296.3829, 0.3693,
0.3962

 6.4939, 0.4697,
0.5303

353.0115, 0.3662,

 3.1477, 0.4648,

0.3925

416.4295, 0.3634,
0.3891

0.5352

■ 1.2093, 0.4562,
0.5438

■ 0.0693, 0.0000,
1.0000

■ 77.6629, 0.3980,
0.4318

■ 77.6629, 0.3980,
0.4318

■ 74.5215, 0.4146,
0.4485

■ 81.0468, 0.3805,
0.4126

■ 71.5986, 0.4294,
0.4617


■ 84.6743, 0.3627,
0.3920


■ 68.8828, 0.4418,
0.4705


■ 88.5597, 0.3454,
0.3709

■ 66.3562, 0.4513,
0.4746

■ 92.7132, 0.3288,
0.3500

 64.0817, 0.4579,
0.4746

 97.1440, 0.3133,
0.3298

 99.4318, 0.3109,
0.3290

Harmonies

Analogous

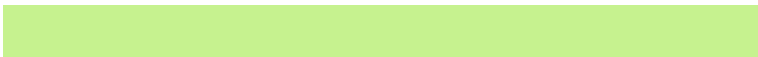
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6629, 0.4324, 0.3946



77.6629, 0.3980, 0.4318



77.6629, 0.3425, 0.4426

Triad

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



77.6629, 0.3980, 0.4318



77.6629, 0.2057, 0.2915



77.6629, 0.3356, 0.2620

Complementary

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



77.6629, 0.3980, 0.4318



32.8635, 0.2213, 0.1978

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.



77.6629, 0.2738, 0.2376



77.6629, 0.3980, 0.4318



77.6629, 0.2044, 0.2497

Square

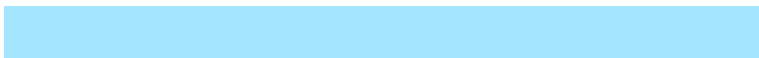
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6629, 0.3980, 0.4318



77.6629, 0.2326, 0.3530



77.6629, 0.2277, 0.2324



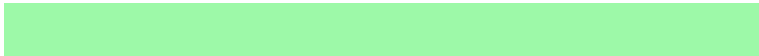
77.6629, 0.3962, 0.3008

Rectangle

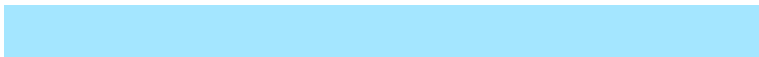
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.6629, 0.3980, 0.4318



77.6629, 0.3016, 0.4275



77.6629, 0.2277, 0.2324



77.6629, 0.3141, 0.2520

Sweetspot

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



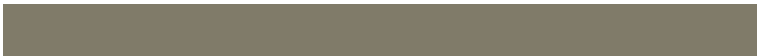
77.6665, 0.3980, 0.4318



93.2574, 0.3363, 0.3596



37.5683, 0.4273, 0.3029



19.7691, 0.3398, 0.3640



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

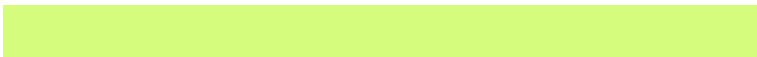
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6665, 0.3980, 0.4318



76.6811, 0.4140, 0.4479



85.3670, 0.3599, 0.4641



19.6011, 0.3274, 0.3481



33.5924, 0.4572, 0.4752



3.2499, 0.4518, 0.4795

Inverse Universe

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



32.8635, 0.2213, 0.1978



26.2433, 0.2029, 0.1684



29.4842, 0.2423, 0.1785



17.1729, 0.2979, 0.3092



4.8994, 0.1549, 0.0777



0.5912, 0.1604, 0.0974

Previews

White Background



This preview shows how the Yxy color 77.6629, 0.3980, 0.4318 looks on a white background.

Color Contrast Check

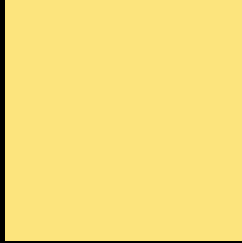
Large Text (above 18pt) WCAG AA × Fail

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 77.6629, 0.3980, 0.4318 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 77.6629, 0.3980, 0.4318

Background



This preview shows how black text looks on a background with the Yxy color 77.6629, 0.3980, 0.4318.



This preview shows how white text looks on a background with the Yxy color 77.6629, 0.3980, 0.4318.

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

77.6629, 0.3980, 0.4318

Protanopia

77.4767, 0.3972, 0.4321

Deuteranopia

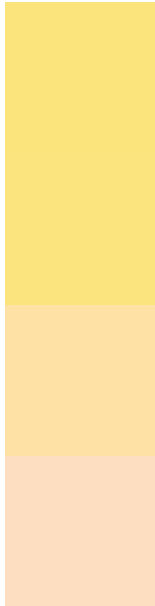
77.5805, 0.3617, 0.3669



Tritanopia

77.6926, 0.3306, 0.3171

Trichromacy



Original Color

77.6629, 0.3980, 0.4318

Protanomaly

77.4767, 0.3972, 0.4321

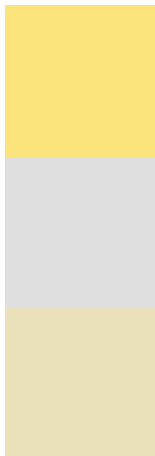
Deuteranomaly

77.6016, 0.3757, 0.3914

Tritanomaly

77.1192, 0.3569, 0.3598

Monochromacy



Original Color

77.6629, 0.3980, 0.4318

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.9307, 0.3447, 0.3699

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.6629, 0.3980, 0.4318 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(252, 228, 125)` looks like.

```
.text, #text, p{  
    color:rgb(252, 228, 125)  
}
```

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(252, 228, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 228, 125) }
```

Border

The CSS property to change the border of an element to Yxy 77.6629, 0.3980, 0.4318 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(252, 228, 125) }
```

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

```
.border{ border-color:rgb(252, 228, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 228, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 228, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 228, 125);  
box-shadow:4px 4px 4px 4px rgb(252, 228,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 77.6629, 0.3980, 0.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 228, 125) }
```

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

```
.background{ background-color: rgb(252,  
228, 125) }
```

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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