

Converting Colors

$Y_{xy}(79.2204, 0.3785, 0.4136)$

Have a look what the booklet for
Yxy(79.2204, 0.3785, 0.4136)
contains.

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Color

Yxy(79.0959, 0.3782, 0.4134)

Conversions

Conversions Part 1

Format	Color
Hex	F7E795
RGB	247, 231, 149
RGB Percent	97%, 91%, 58%
CMY	0.0313, 0.0941, 0.4158
CMYK	0.00, 0.06, 0.40, 0.03
HSL	50°, 86%, 78%
HSV	50°, 40%, 97%
XYZ	72.3611, 79.0959, 39.8732
YIQ	226.4360, 35.8580, -22.1100

Conversions

Conversions Part 2

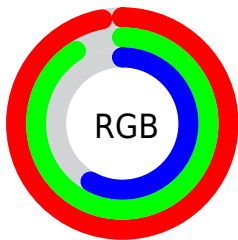
Format	Color
R _Y B	168, 247, 149
Decimal	16246677
CIE Lab	91.28, -5.85, 41.87
CIE LCh	91, 42.280, 97.953
Yxy	79.0959, 0.3782, 0.4134
Android (android.graphics.Color)	4294436757 (0xFF7E795)
YUV	226.4360, -38.1759, 18.0346
Hunter-Lab	88.9359, -10.4045, 35.6732

Details

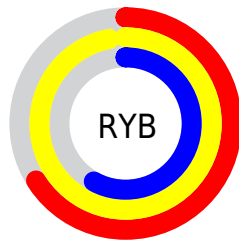
The Yxy color **79.0959, 0.3782, 0.4134** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **40.0080, 0.2421, 0.2272**, and the grayscale version is **76.6496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **42.7326, 0.3909, 0.4320** is the 20% darker color. If you saturate the color by 10%, you get **76.1599, 0.3951, 0.4331**, and if you desaturate by 10%, it is **82.2586, 0.3609, 0.3922**.

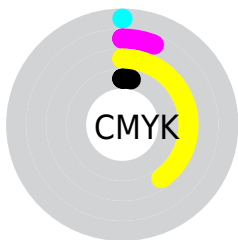
Distribution



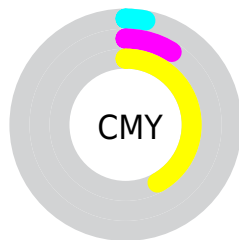
- Red (97%)
- Green (91%)
- Blue (58%)



- Red (66%)
- Yellow (97%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (40%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0959, 0.3782, 0.4134 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 79.0959, 0.3782, 0.4134 by changing the saturation by 10% instead.


 79.0959, 0.3782,
0.4134

 79.0959, 0.3782,
0.4134


491.8807, 0.3493,
0.3752

 58.9747, 0.3843,
0.4217

 132.0939, 0.3686,
0.4004

 42.5927, 0.3915,
0.4317

 165.7394, 0.3647,
0.3953

 29.5657, 0.4001,
0.4440


204.6618, 0.3613,
0.3908

 19.5092, 0.4105,
0.4591

249.2454, 0.3583,
0.3869

 12.0388, 0.4227,
0.4779

299.8748, 0.3557,
0.3835

 6.7701, 0.4365,
0.5011

356.9342, 0.3533,

 3.3187, 0.4596,

0.3804

420.8080, 0.3512,
0.3777

0.5404

■ 1.3003, 0.4492,
0.5508

■ 0.1414, 0.0000,
1.0000

■ 79.0959, 0.3782,
0.4134

■ 79.0959, 0.3782,
0.4134

■ 76.1599, 0.3951,
0.4331

■ 82.2586, 0.3609,
0.3922

■ 73.4285, 0.4110,
0.4504

■ 85.6471, 0.3439,
0.3706

■ 70.8933, 0.4252,
0.4642

■ 89.2744, 0.3276,
0.3491

■ 68.5403, 0.4369,
0.4737

■ 93.1491, 0.3123,
0.3284

■ 66.3528, 0.4457,
0.4786

■ 96.1021, 0.3079,
0.3253

■ 64.3047, 0.4519,
0.4793

■ 98.5174, 0.3078,
0.3290

■ 64.2430, 0.4521,
0.4793

Harmonies

Analogous

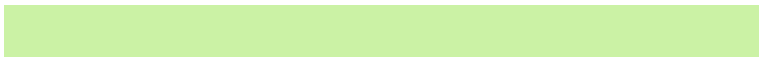
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0959, 0.4069, 0.3869



79.0959, 0.3782, 0.4134



79.0959, 0.3331, 0.4169

Triad

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



79.0959, 0.3782, 0.4134



79.0959, 0.2250, 0.2963



79.0959, 0.3363, 0.2772

Complementary

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



79.0959, 0.3782, 0.4134



40.0080, 0.2421, 0.2272

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.



79.0959, 0.2864, 0.2557



79.0959, 0.3782, 0.4134



79.0959, 0.2256, 0.2636

Square

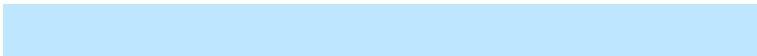
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0959, 0.3782, 0.4134



79.0959, 0.2457, 0.3436



79.0959, 0.2470, 0.2503



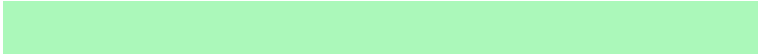
79.0959, 0.3827, 0.3104

Rectangle

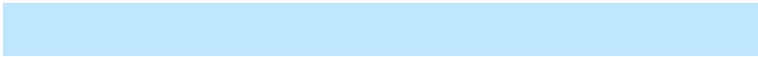
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0959, 0.3782, 0.4134



79.0959, 0.3003, 0.4024



79.0959, 0.2470, 0.2503



79.0959, 0.3193, 0.2685

Sweetspot

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



79.0995, 0.3782, 0.4134



95.0358, 0.3313, 0.3540



43.9906, 0.3961, 0.3115



20.2309, 0.3334, 0.3568



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

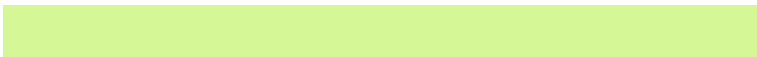
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0995, 0.3782, 0.4134



82.3631, 0.3925, 0.4301



83.0480, 0.3492, 0.4359



18.8256, 0.3273, 0.3486



34.1490, 0.4514, 0.4798



3.1216, 0.4467, 0.4835

Inverse Universe

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



40.0080, 0.2421, 0.2272



34.8235, 0.2252, 0.2012



38.1046, 0.2630, 0.2144



16.3639, 0.2979, 0.3086



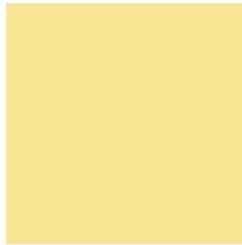
4.5008, 0.1539, 0.0741



0.5201, 0.1594, 0.0937

Previews

White Background



This preview shows how the Yxy color 79.0959, 0.3782, 0.4134 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 79.0959, 0.3782, 0.4134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

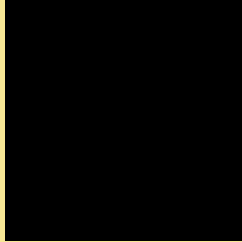
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0959, 0.3782, 0.4134

Background



This preview shows how black text looks on a background with the Yxy color 79.0959, 0.3782, 0.4134.



This preview shows how white text looks on a background with the Yxy color 79.0959, 0.3782, 0.4134.

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

79.0959, 0.3782, 0.4134

Protanopia

79.0875, 0.3808, 0.4117

Deuteranopia

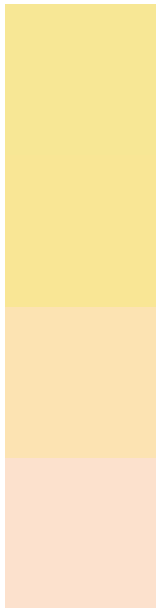
79.0055, 0.3556, 0.3606



Tritanopia

79.0873, 0.3262, 0.3132

Trichromacy



Original Color

79.0959, 0.3782, 0.4134

Protanomaly

78.9033, 0.3801, 0.4120

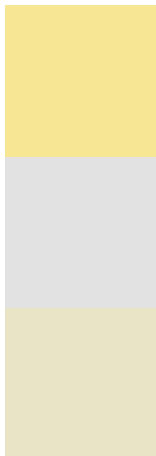
Deuteranomaly

78.8480, 0.3640, 0.3794

Tritanomaly

78.9537, 0.3456, 0.3495

Monochromacy



Original Color

79.0959, 0.3782, 0.4134

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.0564, 0.3367, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0959, 0.3782, 0.4134 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(247, 231, 149)` looks like.

```
.text, #text, p{  
    color:rgb(247, 231, 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(247, 231, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 231, 149) }
```

Border

The CSS property to change the border of an element to Yxy 79.0959, 0.3782, 0.4134 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(247, 231, 149) }
```

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

```
.border{ border-color:rgb(247, 231, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 231, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 231, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 231, 149);  
box-shadow:4px 4px 4px 4px rgb(247, 231,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0959, 0.3782, 0.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 231, 149) }
```

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

```
.background{ background-color: rgb(247,  
231, 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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