

Converting Colors

$Y_{xy}(78.4254, 0.3643, 0.3733)$

Have a look what the booklet for
Yxy(78.4254, 0.3643, 0.3733)
contains.

Yxy(78.4878, 0.3640, 0.3729)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.4878, 0.3640, 0.3729)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1B6
RGB	255, 225, 182
RGB Percent	100%, 88%, 71%
CMY	0.0000, 0.1176, 0.2862
CMYK	0.00, 0.12, 0.29, 0.00
HSL	35°, 100%, 86%
HSV	35°, 29%, 100%
XYZ	76.6145, 78.4878, 55.3772
YIQ	229.0680, 31.6830, -7.0130

Conversions

Conversions Part 2

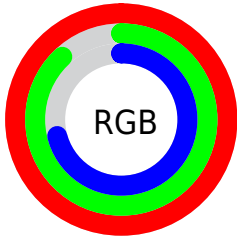
Format	Color
R_{YB}	233, 255, 182
Decimal	16769462
CIE _{Lab}	91.00, 4.11, 24.84
CIE _{LCh}	91, 25.180, 80.596
Yxy	78.4878, 0.3640, 0.3729
Android (android.graphics.Color)	4294959542 (0xFFFFE1B6)
YUV	229.0680, -23.2045, 22.7424
Hunter-Lab	88.5933, -0.6735, 24.9549

Details

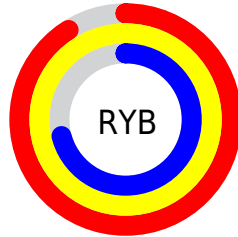
The Yxy color **78.4878, 0.3640, 0.3729** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.2645, 0.2660, 0.2807**, and the grayscale version is **78.5642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **42.2047, 0.3750, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **72.0331, 0.3856, 0.3887**, and if you desaturate by 10%, it is **85.4834, 0.3442, 0.3570**.

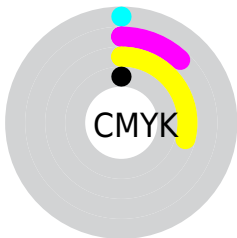
Distribution



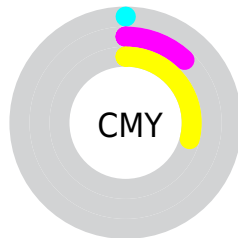
- Red (100%)
- Green (88%)
- Blue (71%)



- Red (91%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.4878, 0.3640, 0.3729 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 78.4878, 0.3640, 0.3729 by changing the saturation by 10% instead.


 78.4878, 0.3640,
0.3729

 78.4878, 0.3640,
0.3729


489.8219, 0.3406,
0.3532

 58.4748, 0.3692,
0.3772


 131.2375, 0.3560,
0.3662

 42.1905, 0.3756,
0.3825


164.7430, 0.3528,
0.3636

 29.2505, 0.3836,
0.3889


203.5148, 0.3501,
0.3613

 19.2704, 0.3938,
0.3971

247.9373, 0.3477,
0.3592

 11.8658, 0.4072,
0.4076

298.3949, 0.3456,
0.3575

 6.6524, 0.4255,
0.4215

355.2719, 0.3438,

 3.2457, 0.4518,

0.3559

0.4404

418.9527, 0.3421,
0.3545

■ 1.2613, 0.5134,
0.4866

■ 0.1109, 0.6498,
0.3502

■ 78.4878, 0.3640,
0.3729

■ 78.4878, 0.3640,
0.3729

■ 72.0331, 0.3856,
0.3887

■ 85.4834, 0.3442,
0.3570

■ 66.1013, 0.4088,
0.4037

■ 93.0341, 0.3265,
0.3417

■ 60.6751, 0.4328,
0.4168

100.0000, 0.3127,
0.3290

■ 55.7351, 0.4567,
0.4268

■ 51.2602, 0.4792,
0.4326

■ 47.2263, 0.4989,
0.4331

■ 43.6017, 0.5151,
0.4284

■ 43.1287, 0.5172,
0.4275

Harmonies

Analogous

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



78.4878, 0.3717, 0.3531



78.4878, 0.3640, 0.3729



78.4878, 0.3424, 0.3818

Triad

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



78.4878, 0.3640, 0.3729



78.4878, 0.2649, 0.3262



78.4878, 0.3098, 0.2879

Complementary

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



78.4878, 0.3640, 0.3729



64.2645, 0.2660, 0.2807

Split Complementary

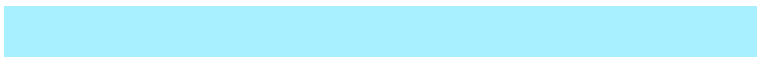
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4878, 0.2820, 0.2803



78.4878, 0.3640, 0.3729



78.4878, 0.2571, 0.3007

Square

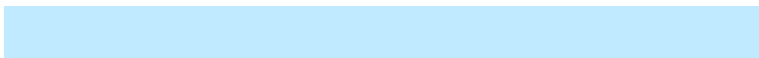
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4878, 0.3640, 0.3729



78.4878, 0.2852, 0.3543



78.4878, 0.2632, 0.2844



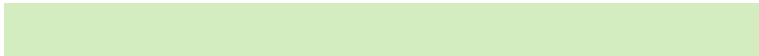
78.4878, 0.3396, 0.3053

Rectangle

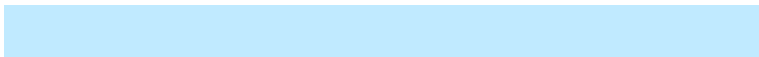
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4878, 0.3640, 0.3729



78.4878, 0.3234, 0.3792



78.4878, 0.2632, 0.2844



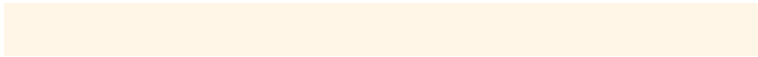
78.4878, 0.2999, 0.2842

Sweetspot

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



78.4883, 0.3640, 0.3729



92.7367, 0.3271, 0.3422



59.4990, 0.3499, 0.2978



19.6075, 0.3296, 0.3444



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

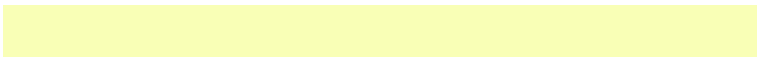
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4883, 0.3640, 0.3729



74.9492, 0.3754, 0.3815



95.0229, 0.3520, 0.4018



19.7653, 0.3279, 0.3430



22.8370, 0.5152, 0.4292



2.4389, 0.5012, 0.4402

Inverse Universe

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



64.2645, 0.2660, 0.2807



58.7352, 0.2566, 0.2700



51.3881, 0.2664, 0.2464



18.6041, 0.2979, 0.3146



9.3097, 0.1692, 0.1291



1.1153, 0.1754, 0.1514

Previews

White Background



This preview shows how the Yxy color 78.4878, 0.3640, 0.3729 looks on a white background.

Color Contrast Check

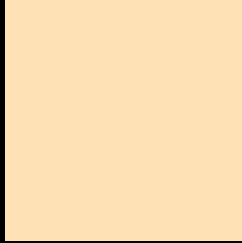
Large Text (above 18pt) WCAG AA × Fail

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 78.4878, 0.3640, 0.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

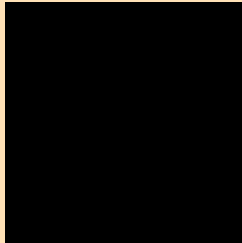
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.4878, 0.3640, 0.3729

Background



This preview shows how black text looks on a background with the Yxy color 78.4878, 0.3640, 0.3729.



This preview shows how white text looks on a background with the Yxy color 78.4878, 0.3640, 0.3729.

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

78.4878, 0.3640, 0.3729

Protanopia

78.5540, 0.3526, 0.3762

Deuteranopia

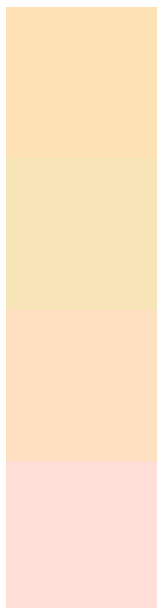
78.2055, 0.3518, 0.3525



Tritanopia

78.3869, 0.3284, 0.3151

Trichromacy



Original Color

78.4878, 0.3640, 0.3729

Protanomaly

78.6799, 0.3565, 0.3758

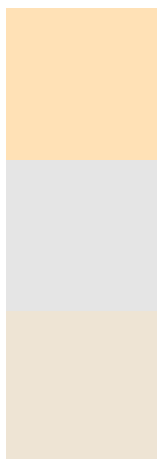
Deuteranomaly

78.4216, 0.3565, 0.3606

Tritanomaly

78.4088, 0.3414, 0.3361

Monochromacy



Original Color

78.4878, 0.3640, 0.3729

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.4174, 0.3302, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4878, 0.3640, 0.3729 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 182) }
```

Border

The CSS property to change the border of an element to Yxy 78.4878, 0.3640, 0.3729 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, 182) }
```

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

```
.border{ border-color:rgb(255, 225, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4878, 0.3640, 0.3729 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, 182) }
```

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

```
.background{ background-color: rgb(255,  
225, 182) }
```

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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