

Converting Colors

$Y_{xy}(79.5627, 0.3658, 0.3787)$

Have a look what the booklet for
Yxy(79.5627, 0.3658, 0.3787)
contains.

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Color

Yxy(79.4125, 0.3662, 0.3789)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3B2
RGB	255, 227, 178
RGB Percent	100%, 89%, 70%
CMY	0.0000, 0.1098, 0.3018
CMYK	0.00, 0.11, 0.30, 0.00
HSL	38°, 100%, 85%
HSV	38°, 30%, 100%
XYZ	76.7507, 79.4125, 53.4237
YIQ	229.7860, 32.4170, -9.3030

Conversions

Conversions Part 2

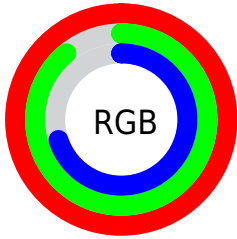
Format	Color
R_{YB}	222, 255, 178
Decimal	16769970
CIE _{Lab}	91.42, 2.59, 27.46
CIE _{LCh}	91, 27.585, 84.622
Yxy	79.4125, 0.3662, 0.3789
Android (android.graphics.Color)	4294960050 (0xFFFFE3B2)
YUV	229.7860, -25.5305, 22.1127
Hunter-Lab	89.1137, -2.2127, 26.8352

Details

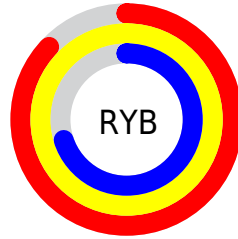
The Yxy color **79.4125, 0.3662, 0.3789** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.8530, 0.2628, 0.2733**, and the grayscale version is **79.1413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **42.8560, 0.3777, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **73.5438, 0.3872, 0.3957**, and if you desaturate by 10%, it is **85.7488, 0.3467, 0.3619**.

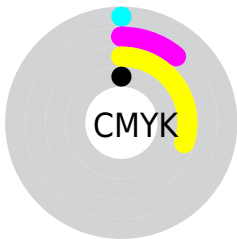
Distribution



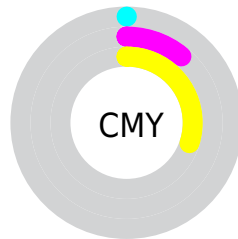
- Red (100%)
- Green (89%)
- Blue (70%)



- Red (87%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.4125, 0.3662, 0.3789 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 79.4125, 0.3662, 0.3789 by changing the saturation by 10% instead.

 79.4125, 0.3662,
0.3789

 79.4125, 0.3662,
0.3789


492.9507, 0.3419,
0.3565

 59.2350, 0.3716,
0.3838

 132.5394, 0.3579,
0.3713

 42.8023, 0.3781,
0.3898


166.2577, 0.3546,
0.3683

 29.7301, 0.3863,
0.3971


205.2583, 0.3518,
0.3657

 19.6338, 0.3966,
0.4063

249.9256, 0.3493,
0.3634

 12.1291, 0.4100,
0.4182

300.6442, 0.3472,
0.3613

 6.8317, 0.4280,
0.4337

357.7983, 0.3452,

 3.3571, 0.4544,

0.3596

0.4558

421.7723, 0.3435,
0.3579

■ 1.3209, 0.5035,
0.4965

■ 0.1573, 0.5748,
0.4252

■ 79.4125, 0.3662,
0.3789

■ 79.4125, 0.3662,
0.3789

■ 73.5438, 0.3872,
0.3957

■ 85.7488, 0.3467,
0.3619

■ 68.1223, 0.4092,
0.4115

■ 92.5611, 0.3290,
0.3452

■ 63.1339, 0.4316,
0.4252

99.8644, 0.3130,
0.3293

■ 58.5613, 0.4533,
0.4356

100.0000, 0.3127,
0.3290

■ 54.3849, 0.4731,
0.4416

■ 50.5823, 0.4901,
0.4423

■ 47.1790, 0.5036,
0.4384

Harmonies

Analogous

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



79.4125, 0.3771, 0.3583



79.4125, 0.3662, 0.3789



79.4125, 0.3410, 0.3868

Triad

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



79.4125, 0.3662, 0.3789



79.4125, 0.2587, 0.3217



79.4125, 0.3139, 0.2864

Complementary

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



79.4125, 0.3662, 0.3789



60.8530, 0.2628, 0.2733

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.



79.4125, 0.2829, 0.2765



79.4125, 0.3662, 0.3789



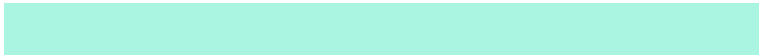
79.4125, 0.2523, 0.2949

Square

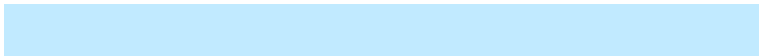
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4125, 0.3662, 0.3789



79.4125, 0.2791, 0.3527



79.4125, 0.2608, 0.2791



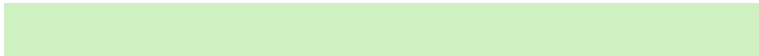
79.4125, 0.3461, 0.3063

Rectangle

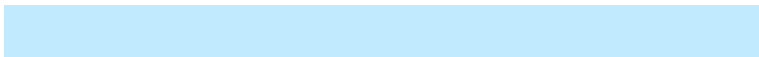
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4125, 0.3662, 0.3789



79.4125, 0.3198, 0.3826



79.4125, 0.2608, 0.2791



79.4125, 0.3029, 0.2819

Sweetspot

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



79.4143, 0.3662, 0.3789



93.3967, 0.3270, 0.3433



57.5866, 0.3559, 0.2999



19.7703, 0.3294, 0.3456



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

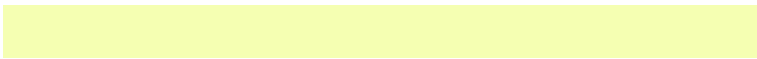
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4143, 0.3662, 0.3789



75.9418, 0.3782, 0.3888



94.1016, 0.3515, 0.4065



19.9141, 0.3278, 0.3441



24.9462, 0.5018, 0.4397



2.6369, 0.4899, 0.4492

Inverse Universe

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



60.8530, 0.2628, 0.2733



54.7787, 0.2524, 0.2606



49.8076, 0.2661, 0.2419



18.4597, 0.2979, 0.3134



8.1010, 0.1655, 0.1156



0.9879, 0.1717, 0.1381

Previews

White Background



This preview shows how the Yxy color 79.4125, 0.3662, 0.3789 looks on a white background.

Color Contrast Check

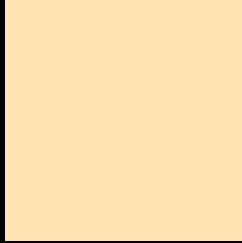
Large Text (above 18pt) WCAG AA × Fail

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 79.4125, 0.3662, 0.3789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

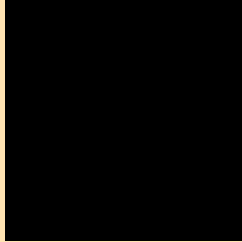
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.4125, 0.3662, 0.3789

Background



This preview shows how black text looks on a background with the Yxy color 79.4125, 0.3662, 0.3789.



This preview shows how white text looks on a background with the Yxy color 79.4125, 0.3662, 0.3789.

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

79.4125, 0.3662, 0.3789

Protanopia

79.4411, 0.3580, 0.3820

Deuteranopia

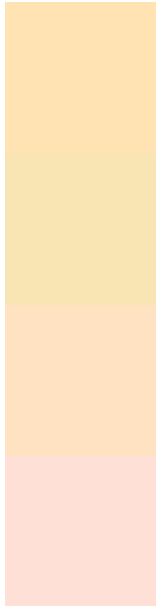
79.3747, 0.3500, 0.3524



Tritanopia

79.5007, 0.3275, 0.3162

Trichromacy



Original Color

79.4125, 0.3662, 0.3789

Protanomaly

79.4330, 0.3605, 0.3807

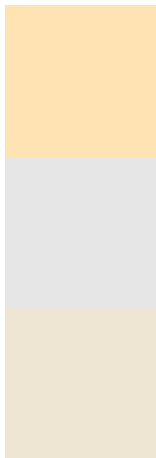
Deuteranomaly

79.5030, 0.3560, 0.3626

Tritanomaly

79.4263, 0.3417, 0.3392

Monochromacy



Original Color

79.4125, 0.3662, 0.3789

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.0925, 0.3315, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4125, 0.3662, 0.3789 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, 227, 178)` looks like.

```
.text, #text, p{  
  color:rgb(255, 227, 178)  
}
```

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, 227, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 178) }
```

Border

The CSS property to change the border of an element to Yxy 79.4125, 0.3662, 0.3789 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, 227, 178) }
```

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

```
.border{ border-color:rgb(255, 227, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4125, 0.3662, 0.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 178) }
```

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

```
.background{ background-color: rgb(255,  
227, 178) }
```

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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