

Converting Colors

$Y_{xy}(126.6668, 0.4937, 0.3638)$

Have a look what the booklet for
Yxy(126.6668, 0.4937, 0.3638)
contains.

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Color

Yxy(76.1112, 0.3789, 0.3904)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEA2
RGB	255, 222, 162
RGB Percent	100%, 87%, 64%
CMY	0.0002, 0.1293, 0.3647
CMYK	0.00, 0.13, 0.36, 0.00
HSL	39°, 100%, 82%
HSV	39°, 36%, 100%
XYZ	73.8692, 76.1112, 44.9766
YIQ	225.0270, 38.9280, -11.6640

Conversions

Conversions Part 2

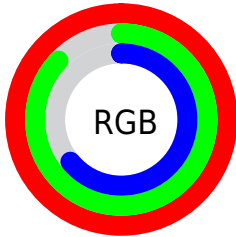
Format	Color
R_{YB}	213, 255, 162
Decimal	16768674
CIE _{Lab}	89.91, 3.19, 33.66
CIE _{LCh}	90, 33.807, 84.583
Yxy	76.1112, 0.3789, 0.3904
Android (android.graphics.Color)	4294958754 (0xFFFFDEA2)
YUV	225.0270, -31.0723, 26.2863
Hunter-Lab	87.2417, -1.5338, 30.5029

Details

The Yxy color **76.1112, 0.3789, 0.3904** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.8932, 0.2515, 0.2584**, and the grayscale version is **75.5207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **40.6335, 0.3935, 0.4031** is the 20% darker color. If you saturate the color by 10%, you get **70.6278, 0.4004, 0.4069**, and if you desaturate by 10%, it is **82.0425, 0.3586, 0.3732**.

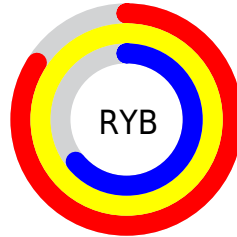
Distribution



Red (100%)

Green (87%)

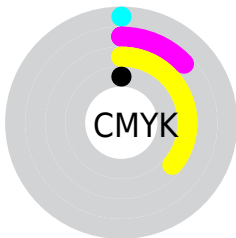
Blue (64%)



Red (84%)

Yellow (100%)

Blue (64%)

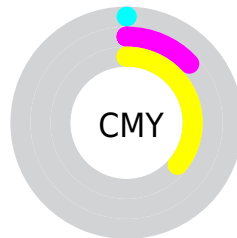


Cyan (0%)

Magenta (13%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1112, 0.3789, 0.3904 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 76.1112, 0.3789, 0.3904 by changing the saturation by 10% instead.


 76.1112, 0.3789,
0.3904


 76.1112, 0.3789,
0.3904

481.7283, 0.3488,
0.3628

 56.5237, 0.3855,
0.3964

 127.8841, 0.3686,
0.3811

 40.6230, 0.3936,
0.4036


 160.8382, 0.3646,
0.3774

 28.0246, 0.4035,
0.4124


199.0168, 0.3611,
0.3742

 18.3442, 0.4160,
0.4233

242.8040, 0.3580,
0.3713

 11.1974, 0.4320,
0.4369

292.5844, 0.3553,
0.3688

 6.1998, 0.4524,
0.4537

348.7423, 0.3529,

 2.9669, 0.4987,

0.3666

0.4935

411.6621, 0.3507,
0.3646

■ 1.1145, 0.5084,
0.4916

■ 0.0000, 1.0000,
0.0000

■ 76.1112, 0.3789,
0.3904

■ 76.1112, 0.3789,
0.3904

■ 70.6278, 0.4004,
0.4069

■ 82.0425, 0.3586,
0.3732

■ 65.5664, 0.4224,
0.4217

■ 88.4252, 0.3398,
0.3560

■ 60.9143, 0.4441,
0.4337

■ 95.2760, 0.3228,
0.3393

■ 56.6530, 0.4643,
0.4416

99.9909, 0.3127,
0.3290

■ 52.7620, 0.4820,
0.4445

■ 49.2162, 0.4963,
0.4422

■ 48.0321, 0.5009,
0.4405

Harmonies

Analogous

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



76.1112, 0.3928, 0.3643



76.1112, 0.3789, 0.3904



76.1112, 0.3473, 0.4013

Triad

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



76.1112, 0.3789, 0.3904



76.1112, 0.2462, 0.3193



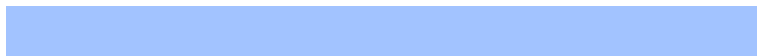
76.1112, 0.3138, 0.2769

Complementary

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



76.1112, 0.3789, 0.3904



53.8932, 0.2515, 0.2584

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.



76.1112, 0.2756, 0.2647



76.1112, 0.3789, 0.3904



76.1112, 0.2386, 0.2863

Square

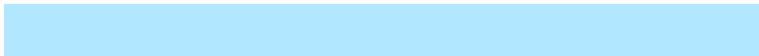
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1112, 0.3789, 0.3904



76.1112, 0.2709, 0.3587



76.1112, 0.2489, 0.2674



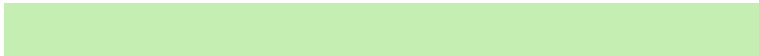
76.1112, 0.3540, 0.3009

Rectangle

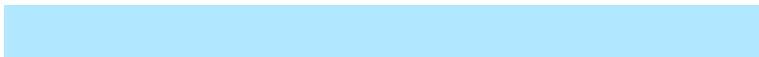
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1112, 0.3789, 0.3904



76.1112, 0.3211, 0.3965



76.1112, 0.2489, 0.2674



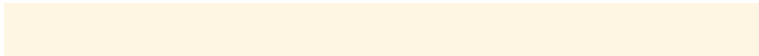
76.1112, 0.3002, 0.2713

Sweetspot

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



76.1147, 0.3789, 0.3904



92.1468, 0.3303, 0.3468



51.0788, 0.3686, 0.2936



19.5246, 0.3326, 0.3491



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.



76.1147, 0.3789, 0.3904



71.9685, 0.3950, 0.4030



93.0738, 0.3592, 0.4228



19.9444, 0.3278, 0.3443



25.4003, 0.4992, 0.4419



2.6792, 0.4877, 0.4510

Inverse Universe

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



53.8932, 0.2515, 0.2584



46.7209, 0.2379, 0.2407



42.0991, 0.2543, 0.2207



18.4304, 0.2979, 0.3132



7.8761, 0.1647, 0.1130



0.9636, 0.1710, 0.1354

Previews

White Background



This preview shows how the Yxy color 76.1112, 0.3789, 0.3904 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 76.1112, 0.3789, 0.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

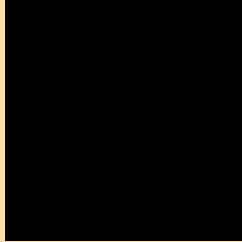
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.1112, 0.3789, 0.3904

Background



This preview shows how black text looks on a background with the Yxy color 76.1112, 0.3789, 0.3904.



This preview shows how white text looks on a background with the Yxy color 76.1112, 0.3789, 0.3904.

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

76.1112, 0.3789, 0.3904

Protanopia

76.1277, 0.3670, 0.3943

Deuteranopia

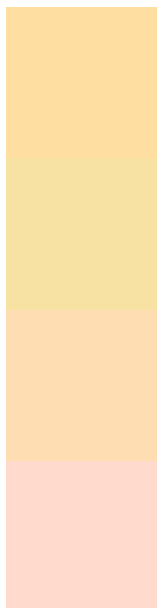
76.0772, 0.3611, 0.3618



Tritanopia

76.0289, 0.3323, 0.3161

Trichromacy



Original Color

76.1112, 0.3789, 0.3904

Protanomaly

76.2689, 0.3711, 0.3937

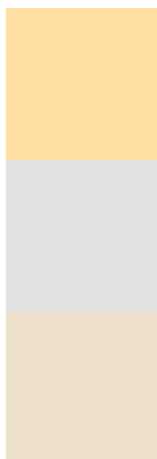
Deuteranomaly

76.2276, 0.3672, 0.3721

Tritanomaly

75.8106, 0.3492, 0.3423

Monochromacy



Original Color

76.1112, 0.3789, 0.3904

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4084, 0.3361, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1112, 0.3789, 0.3904 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, 222, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 162)  
}
```

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, 222, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 162) }
```

Border

The CSS property to change the border of an element to Yxy 76.1112, 0.3789, 0.3904 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, 222, 162) }
```

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

```
.border{ border-color:rgb(255, 222, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1112, 0.3789, 0.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 162) }
```

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

```
.background{ background-color: rgb(255,  
222, 162) }
```

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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