

Converting Colors

$Y_{xy}(100.0000, 0.4471, 0.3726)$

Have a look what the booklet for
Yxy(100.0000, 0.4471, 0.3726)
contains.

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Color

Yxy(76.2192, 0.3768, 0.3873)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEA5
RGB	255, 222, 165
RGB Percent	100%, 87%, 65%
CMY	0.0001, 0.1294, 0.3527
CMYK	0.00, 0.13, 0.35, 0.00
HSL	38°, 100%, 82%
HSV	38°, 35%, 100%
XYZ	74.1528, 76.2192, 46.4242
YIQ	225.3690, 37.9650, -10.7310

Conversions

Conversions Part 2

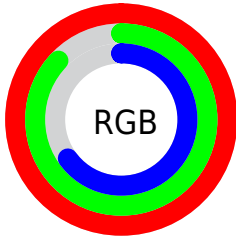
Format	Color
RYP	217, 255, 165
Decimal	16768677
CIELab	89.96, 3.56, 32.16
CIELCh	90, 32.358, 83.678
Yxy	76.2192, 0.3768, 0.3873
Android (android.graphics.Color)	4294958757 (0xFFFFDEA5)
YUV	225.3690, -29.7619, 25.9864
Hunter-Lab	87.3036, -1.1692, 29.5847

Details

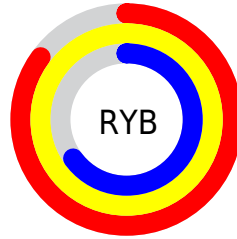
The Yxy color **76.2192, 0.3768, 0.3873** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.6260, 0.2538, 0.2625**, and the grayscale version is **75.7762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **40.7000, 0.3908, 0.3994** is the 20% darker color. If you saturate the color by 10%, you get **70.5542, 0.3985, 0.4037**, and if you desaturate by 10%, it is **82.3518, 0.3565, 0.3703**.

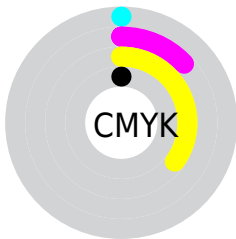
Distribution



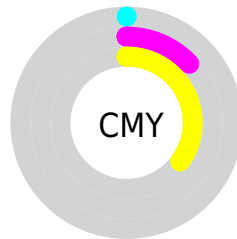
- Red (100%)
- Green (87%)
- Blue (65%)



- Red (85%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2192, 0.3768, 0.3873 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 76.2192, 0.3768, 0.3873 by changing the saturation by 10% instead.

 76.2192, 0.3768,
0.3873


 76.2192, 0.3768,
0.3873


482.0977, 0.3476,
0.3611

 56.6123, 0.3833,
0.3930

 128.0367, 0.3668,
0.3784

 40.6940, 0.3911,
0.3999


 161.0161, 0.3629,
0.3749

 28.0801, 0.4009,
0.4083


199.2217, 0.3595,
0.3719

 18.3860, 0.4131,
0.4187

243.0380, 0.3565,
0.3692

 11.2275, 0.4289,
0.4318

292.8494, 0.3539,
0.3668

 6.2201, 0.4494,
0.4482

349.0402, 0.3516,

 2.9794, 0.4915,

0.3647

0.4830

411.9948, 0.3495,
0.3628

■ 1.1210, 0.5108,
0.4892

■ 0.0000, 1.0000,
0.0000

■ 76.2192, 0.3768,
0.3873

■ 76.2192, 0.3768,
0.3873

■ 70.5542, 0.3985,
0.4037

■ 82.3518, 0.3565,
0.3703

■ 65.3308, 0.4209,
0.4185

■ 88.9560, 0.3378,
0.3535

■ 60.5358, 0.4431,
0.4306

■ 96.0489, 0.3209,
0.3372

■ 56.1506, 0.4642,
0.4388

99.9975, 0.3127,
0.3290

■ 52.1545, 0.4828,
0.4421

■ 48.5225, 0.4981,
0.4401

■ 46.9168, 0.5044,
0.4377

Harmonies

Analogous

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



76.2192, 0.3894, 0.3622



76.2192, 0.3768, 0.3873



76.2192, 0.3470, 0.3981

Triad

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



76.2192, 0.3768, 0.3873



76.2192, 0.2495, 0.3210



76.2192, 0.3126, 0.2784

Complementary

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



76.2192, 0.3768, 0.3873



55.6260, 0.2538, 0.2625

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.



76.2192, 0.2762, 0.2672



76.2192, 0.3768, 0.3873



76.2192, 0.2415, 0.2890

Square

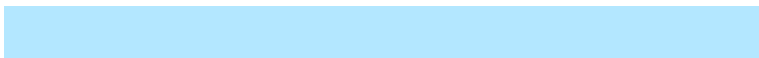
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2192, 0.3768, 0.3873



76.2192, 0.2737, 0.3584



76.2192, 0.2510, 0.2703



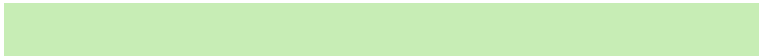
76.2192, 0.3512, 0.3012

Rectangle

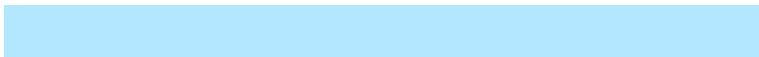
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2192, 0.3768, 0.3873



76.2192, 0.3220, 0.3938



76.2192, 0.2510, 0.2703



76.2192, 0.2997, 0.2732

Sweetspot

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



76.2227, 0.3768, 0.3873



91.9353, 0.3304, 0.3465



52.3343, 0.3647, 0.2933



19.4741, 0.3327, 0.3487



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.



76.2227, 0.3768, 0.3873



72.3668, 0.3913, 0.3984



93.5519, 0.3588, 0.4194



19.9050, 0.3278, 0.3440



24.8126, 0.5026, 0.4391



2.6245, 0.4906, 0.4487

Inverse Universe

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



55.6260, 0.2538, 0.2625



49.1208, 0.2418, 0.2472



43.3249, 0.2555, 0.2245



18.4684, 0.2979, 0.3135



8.1693, 0.1657, 0.1164



0.9952, 0.1719, 0.1388

Previews

White Background



This preview shows how the Yxy color 76.2192, 0.3768, 0.3873 looks on a white background.

Color Contrast Check

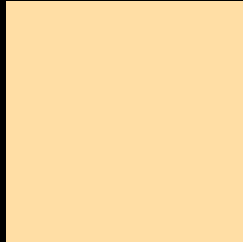
Large Text (above 18pt) WCAG AA × Fail

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 76.2192, 0.3768, 0.3873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

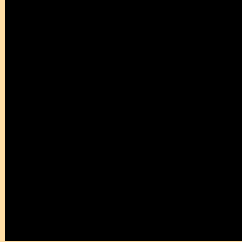
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2192, 0.3768, 0.3873

Background



This preview shows how black text looks on a background with the Yxy color 76.2192, 0.3768, 0.3873.



This preview shows how white text looks on a background with the Yxy color 76.2192, 0.3768, 0.3873.

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

76.2192, 0.3768, 0.3873

Protanopia

76.2374, 0.3650, 0.3912

Deuteranopia

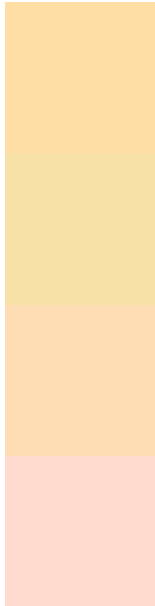
76.1205, 0.3603, 0.3608



Tritanopia

76.0289, 0.3323, 0.3161

Trichromacy



Original Color

76.2192, 0.3768, 0.3873

Protanomaly

76.3778, 0.3690, 0.3906

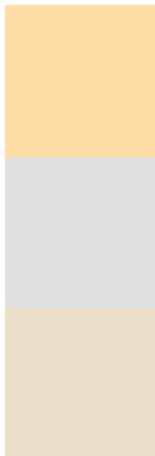
Deuteranomaly

76.2682, 0.3665, 0.3711

Tritanomaly

75.8590, 0.3485, 0.3413

Monochromacy



Original Color

76.2192, 0.3768, 0.3873

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4560, 0.3354, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2192, 0.3768, 0.3873 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 165) }
```

Border

The CSS property to change the border of an element to Yxy 76.2192, 0.3768, 0.3873 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, 165) }
```

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

```
.border{ border-color:rgb(255, 222, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
165) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 76.2192, 0.3768, 0.3873$ 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, 165) }
```

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

```
.background{ background-color: rgb(255,  
222, 165) }
```

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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