

Converting Colors

$Y_{xy}(75.8218, 0.3787, 0.3892)$

Have a look what the booklet for
Yxy(75.8218, 0.3787, 0.3892)
contains.

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Color

Yxy(75.6172, 0.3786, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDA3
RGB	255, 221, 163
RGB Percent	100%, 87%, 64%
CMY	0.0000, 0.1333, 0.3608
CMYK	0.00, 0.13, 0.36, 0.00
HSL	38°, 100%, 82%
HSV	38°, 36%, 100%
XYZ	73.7092, 75.6172, 45.3625
YIQ	224.5540, 38.8820, -10.8300

Conversions

Conversions Part 2

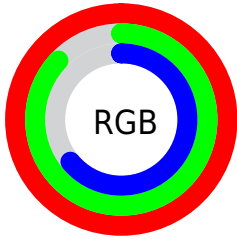
Format	Color
R _Y B	217, 255, 163
Decimal	16768419
CIE Lab	89.68, 3.85, 32.83
CIE LCh	90, 33.060, 83.314
Yxy	75.6172, 0.3786, 0.3884
Android (android.graphics.Color)	4294958499 (0xFFFFDDA3)
YUV	224.5540, -30.3461, 26.7011
Hunter-Lab	86.9582, -0.8729, 29.9415

Details

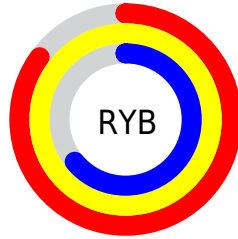
The Yxy color **75.6172, 0.3786, 0.3884** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.9402, 0.2524, 0.2610**, and the grayscale version is **75.1604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **40.2905, 0.3931, 0.4007** is the 20% darker color. If you saturate the color by 10%, you get **69.9582, 0.4004, 0.4046**, and if you desaturate by 10%, it is **81.7444, 0.3581, 0.3715**.

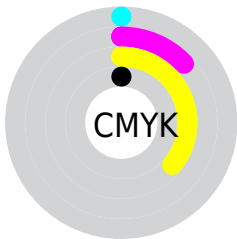
Distribution



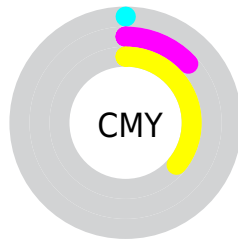
- Red (100%)
- Green (87%)
- Blue (64%)



- Red (85%)
- 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 75.6172, 0.3786, 0.3884 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 75.6172, 0.3786, 0.3884 by changing the saturation by 10% instead.


 75.6172, 0.3786,
0.3884

 75.6172, 0.3786,
0.3884


480.0363, 0.3486,
0.3617

 56.1187, 0.3853,
0.3942


 127.1857, 0.3683,
0.3794

 40.2981, 0.3933,
0.4012

 160.0244, 0.3643,
0.3758

 27.7710, 0.4033,
0.4097


198.0786, 0.3608,
0.3727

 18.1531, 0.4159,
0.4202

241.7327, 0.3577,
0.3700

 11.0600, 0.4321,
0.4334

291.3712, 0.3550,
0.3675

 6.1072, 0.4531,
0.4498

347.3783, 0.3526,

 2.9104, 0.4993,

0.3654

0.4878

410.1386, 0.3505,
0.3635

■ 1.0851, 0.5129,
0.4871

■ 0.0000, 1.0000,
0.0000

■ 75.6172, 0.3786,
0.3884

■ 75.6172, 0.3786,
0.3884

■ 69.9582, 0.4004,
0.4046

■ 81.7444, 0.3581,
0.3715

■ 64.7448, 0.4229,
0.4192

■ 88.3476, 0.3392,
0.3547

■ 59.9624, 0.4453,
0.4310

■ 95.4428, 0.3222,
0.3385

■ 55.5922, 0.4663,
0.4388

100.0000, 0.3127,
0.3290

■ 51.6128, 0.4848,
0.4416

■ 47.9991, 0.4999,
0.4391

■ 46.6681, 0.5052,
0.4371

Harmonies

Analogous

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



75.6172, 0.3913, 0.3625



75.6172, 0.3786, 0.3884



75.6172, 0.3482, 0.3998

Triad

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



75.6172, 0.3786, 0.3884



75.6172, 0.2482, 0.3212



75.6172, 0.3121, 0.2771

Complementary

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



75.6172, 0.3786, 0.3884



54.9402, 0.2524, 0.2610

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.



75.6172, 0.2749, 0.2657



75.6172, 0.3786, 0.3884



75.6172, 0.2399, 0.2883

Square

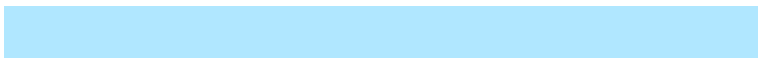
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6172, 0.3786, 0.3884



75.6172, 0.2731, 0.3596



75.6172, 0.2493, 0.2691



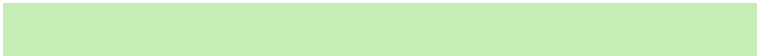
75.6172, 0.3517, 0.3003

Rectangle

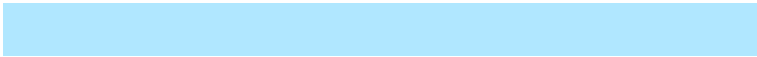
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6172, 0.3786, 0.3884



75.6172, 0.3226, 0.3957



75.6172, 0.2493, 0.2691



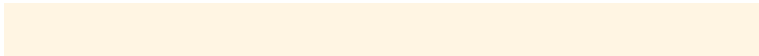
75.6172, 0.2989, 0.2718

Sweetspot

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



75.6195, 0.3786, 0.3884



91.8870, 0.3304, 0.3464



51.5460, 0.3663, 0.2925



19.4626, 0.3327, 0.3486



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.



75.6195, 0.3786, 0.3884



71.6514, 0.3936, 0.3998



93.4455, 0.3598, 0.4215



19.8960, 0.3278, 0.3440



24.6804, 0.5034, 0.4385



2.6122, 0.4912, 0.4481

Inverse Universe

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



54.9402, 0.2524, 0.2610



48.3349, 0.2401, 0.2452



42.3849, 0.2540, 0.2217



18.4771, 0.2979, 0.3136



8.2379, 0.1659, 0.1172



1.0025, 0.1721, 0.1396

Previews

White Background



This preview shows how the Yxy color 75.6172, 0.3786, 0.3884 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 75.6172, 0.3786, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

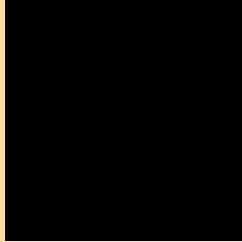
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.6172, 0.3786, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 75.6172, 0.3786, 0.3884.



This preview shows how white text looks on a background with the Yxy color 75.6172, 0.3786, 0.3884.

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

75.6172, 0.3786, 0.3884

Protanopia

75.4443, 0.3659, 0.3925

Deuteranopia

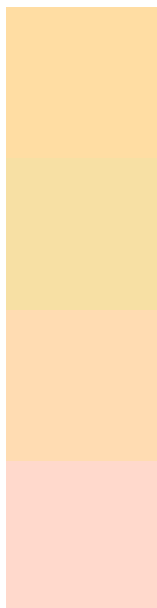
75.4682, 0.3628, 0.3629



Tritanopia

75.4623, 0.3331, 0.3160

Trichromacy



Original Color

75.6172, 0.3786, 0.3884

Protanomaly

75.7658, 0.3707, 0.3917

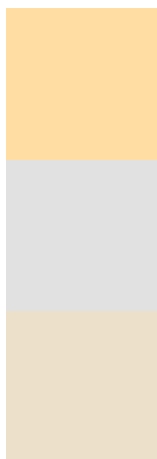
Deuteranomaly

75.6608, 0.3683, 0.3721

Tritanomaly

75.2453, 0.3501, 0.3423

Monochromacy



Original Color

75.6172, 0.3786, 0.3884

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 75.6172, 0.3786, 0.3884 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, 221, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 163)  
}
```

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, 221, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 163) }
```

Border

The CSS property to change the border of an element to Yxy 75.6172, 0.3786, 0.3884 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, 221, 163) }
```

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

```
.border{ border-color:rgb(255, 221, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 221, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6172, 0.3786, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 163) }
```

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

```
.background{ background-color: rgb(255,  
221, 163) }
```

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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