

Converting Colors

$Y_{xy}(75.9919, 0.3765, 0.3861)$

Have a look what the booklet for
Yxy(75.9919, 0.3765, 0.3861)
contains.

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Color

Yxy(76.2557, 0.3761, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEA6
RGB	255, 222, 166
RGB Percent	100%, 87%, 65%
CMY	0.0001, 0.1294, 0.3488
CMYK	0.00, 0.13, 0.35, 0.00
HSL	38°, 100%, 83%
HSV	38°, 35%, 100%
XYZ	74.2422, 76.2557, 46.9023
YIQ	225.4830, 37.6440, -10.4200

Conversions

Conversions Part 2

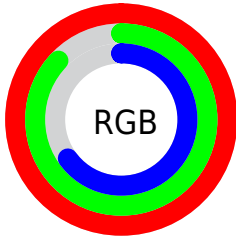
Format	Color
RYP	218, 255, 166
Decimal	16768678
CIELab	89.98, 3.68, 31.67
CIElCh	90, 31.887, 83.382
Yxy	76.2557, 0.3761, 0.3863
Android (android.graphics.Color)	4294958758 (0xFFFFDEA6)
YUV	225.4830, -29.3251, 25.8864
Hunter-Lab	87.3245, -1.0594, 29.2823

Details

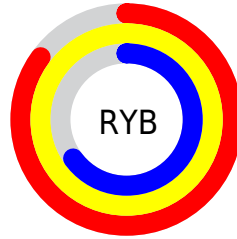
The Yxy color **76.2557, 0.3761, 0.3863** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.1844, 0.2545, 0.2638**, and the grayscale version is **75.8589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **40.7227, 0.3899, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **70.5322, 0.3978, 0.4026**, and if you desaturate by 10%, it is **82.4533, 0.3558, 0.3694**.

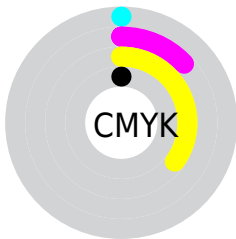
Distribution



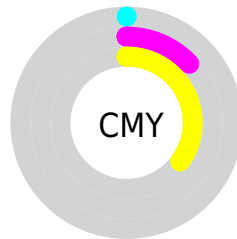
- Red (100%)
- Green (87%)
- Blue (65%)



- 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 76.2557, 0.3761, 0.3863 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 76.2557, 0.3761, 0.3863 by changing the saturation by 10% instead.


 76.2557, 0.3761,
0.3863


 76.2557, 0.3761,
0.3863


482.2226, 0.3472,
0.3606

 56.6422, 0.3825,
0.3919


 128.0883, 0.3662,
0.3776

 40.7180, 0.3903,
0.3987


 161.0762, 0.3623,
0.3741

 28.0988, 0.3999,
0.4069


199.2910, 0.3590,
0.3711

 18.4002, 0.4121,
0.4172

243.1171, 0.3560,
0.3685

 11.2377, 0.4278,
0.4302

292.9389, 0.3534,
0.3662

 6.2269, 0.4484,
0.4464

349.1408, 0.3511,

 2.9836, 0.4891,

0.3641

0.4797

412.1072, 0.3491,
0.3622

■ 1.1232, 0.5115,
0.4885

■ 0.0000, 1.0000,
0.0000

■ 76.2557, 0.3761,
0.3863

■ 76.2557, 0.3761,
0.3863

■ 70.5322, 0.3978,
0.4026

■ 82.4533, 0.3558,
0.3694

■ 65.2567, 0.4203,
0.4174

■ 89.1291, 0.3371,
0.3527

■ 60.4158, 0.4428,
0.4296

■ 96.3002, 0.3203,
0.3366

■ 55.9909, 0.4641,
0.4379

99.9965, 0.3127,
0.3290

■ 51.9613, 0.4830,
0.4413

■ 48.3019, 0.4986,
0.4394

■ 46.5557, 0.5055,
0.4368

Harmonies

Analogous

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



76.2557, 0.3883, 0.3615



76.2557, 0.3761, 0.3863



76.2557, 0.3469, 0.3970

Triad

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



76.2557, 0.3761, 0.3863



76.2557, 0.2505, 0.3215



76.2557, 0.3122, 0.2790

Complementary

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



76.2557, 0.3761, 0.3863



56.1844, 0.2545, 0.2638

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.



76.2557, 0.2764, 0.2680



76.2557, 0.3761, 0.3863



76.2557, 0.2425, 0.2898

Square

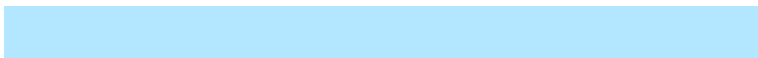
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2557, 0.3761, 0.3863



76.2557, 0.2745, 0.3583



76.2557, 0.2516, 0.2713



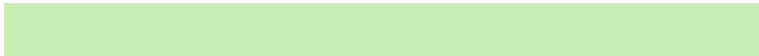
76.2557, 0.3503, 0.3014

Rectangle

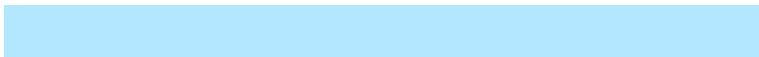
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2557, 0.3761, 0.3863



76.2557, 0.3223, 0.3929



76.2557, 0.2516, 0.2713



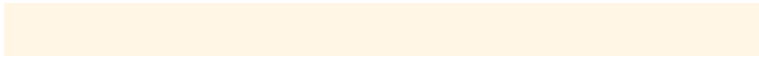
76.2557, 0.2995, 0.2738

Sweetspot

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



76.2592, 0.3761, 0.3863



92.5811, 0.3287, 0.3447



52.7214, 0.3639, 0.2937



19.6017, 0.3311, 0.3470



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.



76.2592, 0.3761, 0.3863



72.1464, 0.3914, 0.3980



93.6046, 0.3583, 0.4184



19.8923, 0.3278, 0.3439



24.6258, 0.5037, 0.4382



2.6071, 0.4915, 0.4479

Inverse Universe

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



56.1844, 0.2545, 0.2638



49.3043, 0.2419, 0.2477



43.7863, 0.2563, 0.2258



18.4807, 0.2979, 0.3136



8.2665, 0.1660, 0.1175



1.0056, 0.1722, 0.1400

Previews

White Background



This preview shows how the Yxy color 76.2557, 0.3761, 0.3863 looks on a white background.

Color Contrast Check

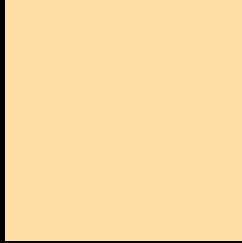
Large Text (above 18pt) WCAG AA × Fail

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 76.2557, 0.3761, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

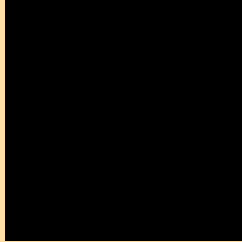
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2557, 0.3761, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 76.2557, 0.3761, 0.3863.



This preview shows how white text looks on a background with the Yxy color 76.2557, 0.3761, 0.3863.

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

76.2557, 0.3761, 0.3863

Protanopia

76.2746, 0.3643, 0.3901

Deuteranopia

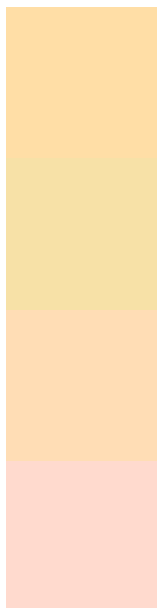
76.1205, 0.3603, 0.3608



Tritanopia

76.0289, 0.3323, 0.3161

Trichromacy



Original Color

76.2557, 0.3761, 0.3863

Protanomaly

76.4146, 0.3683, 0.3895

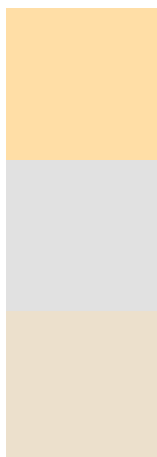
Deuteranomaly

76.3091, 0.3658, 0.3700

Tritanomaly

75.8590, 0.3485, 0.3413

Monochromacy



Original Color

76.2557, 0.3761, 0.3863

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.5038, 0.3347, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2557, 0.3761, 0.3863 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 166) }
```

Border

The CSS property to change the border of an element to Yxy 76.2557, 0.3761, 0.3863 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, 166) }
```

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

```
.border{ border-color:rgb(255, 222, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2557, 0.3761, 0.3863 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, 166) }
```

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

```
.background{ background-color: rgb(255,  
222, 166) }
```

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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