

Converting Colors

$Yxy(76.4370, 0.3584, 0.3586)$

Have a look what the booklet for
Yxy(76.4370, 0.3584, 0.3586)
contains.

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Color

Yxy(76.2522, 0.3582, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCC0
RGB	255, 220, 192
RGB Percent	100%, 86%, 75%
CMY	0.0000, 0.1373, 0.2471
CMYK	0.00, 0.14, 0.25, 0.00
HSL	27°, 100%, 88%
HSV	27°, 25%, 100%
XYZ	76.3588, 76.2522, 60.5626
YIQ	227.2730, 29.8480, -1.2880

Conversions

Conversions Part 2

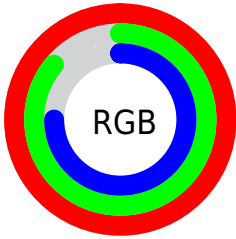
Format	Color
R _Y B	255, 242, 192
Decimal	16768192
CIE Lab	89.98, 8.02, 18.24
CIE LCh	90, 19.923, 66.271
Yxy	76.2522, 0.3582, 0.3577
Android (android.graphics.Color)	4294958272 (0xFFFFDCC0)
YUV	227.2730, -17.3896, 24.3166
Hunter-Lab	87.3225, 3.2742, 20.0051

Details

The Yxy color **76.2522, 0.3582, 0.3577** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73.3702, 0.2736, 0.2984**, and the grayscale version is **77.1331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **40.7510, 0.3696, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **68.0882, 0.3814, 0.3700**, and if you desaturate by 10%, it is **85.2338, 0.3378, 0.3457**.

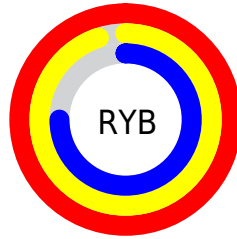
Distribution



Red (100%)

Green (86%)

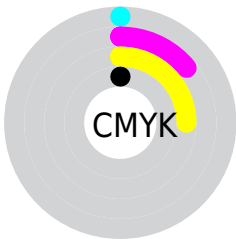
Blue (75%)



Red (100%)

Yellow (95%)

Blue (75%)

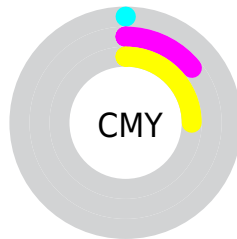


Cyan (0%)

Magenta (14%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2522, 0.3582, 0.3577 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 76.2522, 0.3582, 0.3577 by changing the saturation by 10% instead.


 76.2522, 0.3582,
0.3577

 76.2522, 0.3582,
0.3577

482.2106, 0.3372,
0.3449

 56.6393, 0.3630,
0.3605


 128.0833, 0.3509,
0.3533

 40.7157, 0.3688,
0.3639

161.0704, 0.3481,
0.3516

 28.0970, 0.3762,
0.3681


199.2843, 0.3457,
0.3501

 18.3988, 0.3858,
0.3735

243.1095, 0.3435,
0.3488

 11.2367, 0.3987,
0.3803

292.9303, 0.3417,
0.3477

 6.2263, 0.4170,
0.3895

349.1312, 0.3400,

 2.9832, 0.4443,

0.3466

0.4018

412.0965, 0.3385,
0.3457

1.1229, 0.5391,
0.4609

0.0000, 1.0000,
0.0000

76.2522, 0.3582,
0.3577

76.2522, 0.3582,
0.3577

68.0882, 0.3814,
0.3700

85.2338, 0.3378,
0.3457

60.7292, 0.4075,
0.3818

95.0705, 0.3202,
0.3342

54.1438, 0.4362,
0.3924

100.0000, 0.3127,
0.3290

48.3028, 0.4664,
0.4006

■ 43.1750, 0.4967,
0.4050

■ 38.7259, 0.5250,
0.4045

■ 34.9163, 0.5491,
0.3984

■ 33.1364, 0.5602,
0.3934

Harmonies

Analogous

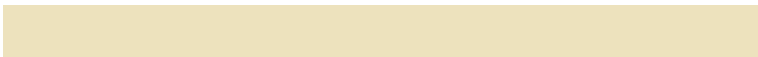
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2522, 0.3579, 0.3395



76.2522, 0.3582, 0.3577



76.2522, 0.3459, 0.3692

Triad

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



76.2522, 0.3582, 0.3577



76.2522, 0.2811, 0.3378



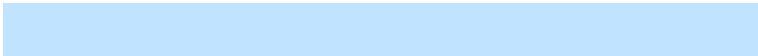
76.2522, 0.2993, 0.2917

Complementary

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



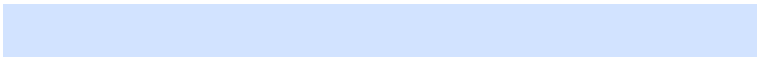
76.2522, 0.3582, 0.3577



73.3702, 0.2736, 0.2984

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.



76.2522, 0.2797, 0.2901



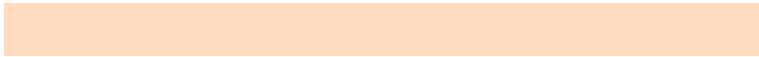
76.2522, 0.3582, 0.3577



76.2522, 0.2695, 0.3157

Square

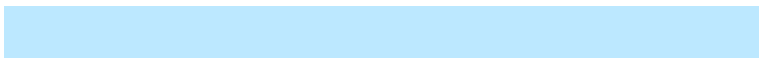
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2522, 0.3582, 0.3577



76.2522, 0.3012, 0.3581



76.2522, 0.2691, 0.2985



76.2522, 0.3232, 0.3023

Rectangle

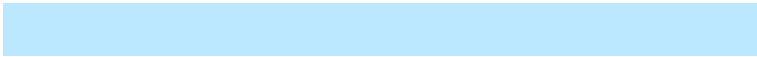
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2522, 0.3582, 0.3577



76.2522, 0.3325, 0.3709



76.2522, 0.2691, 0.2985



76.2522, 0.2920, 0.2901

Sweetspot

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



76.2478, 0.3582, 0.3577



92.7369, 0.3240, 0.3367



64.5448, 0.3361, 0.2929



19.7197, 0.3250, 0.3374



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.



76.2478, 0.3582, 0.3577



71.8262, 0.3701, 0.3642



93.9354, 0.3511, 0.3871



19.3155, 0.3283, 0.3396



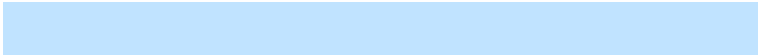
17.6014, 0.5574, 0.3957



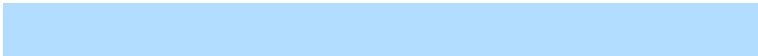
1.9276, 0.5378, 0.4112

Inverse Universe

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



73.3702, 0.2736, 0.2984



68.4630, 0.2650, 0.2909



57.9974, 0.2705, 0.2633



19.0519, 0.2979, 0.3182



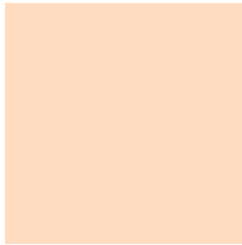
14.1381, 0.1823, 0.1764



1.5946, 0.1876, 0.1953

Previews

White Background



This preview shows how the Yxy color 76.2522, 0.3582, 0.3577 looks on a white background.

Color Contrast Check

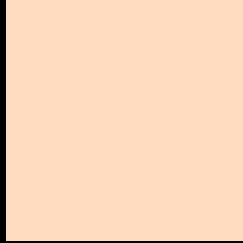
Large Text (above 18pt) WCAG AA × Fail

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 76.2522, 0.3582, 0.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

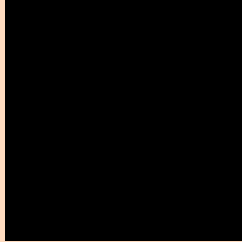
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2522, 0.3582, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 76.2522, 0.3582, 0.3577.



This preview shows how white text looks on a background with the Yxy color 76.2522, 0.3582, 0.3577.

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

76.2522, 0.3582, 0.3577

Protanopia

76.5100, 0.3420, 0.3619

Deuteranopia

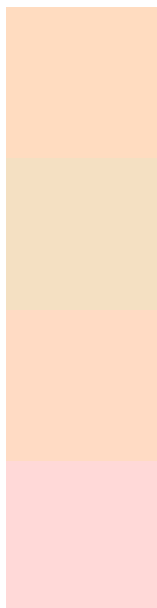
76.0466, 0.3533, 0.3495



Tritanopia

76.0849, 0.3316, 0.3151

Trichromacy



Original Color

76.2522, 0.3582, 0.3577

Protanomaly

76.4394, 0.3476, 0.3605

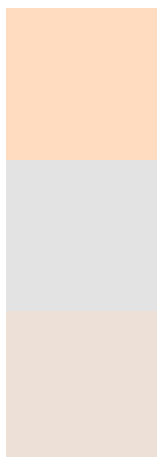
Deuteranomaly

75.9086, 0.3555, 0.3526

Tritanomaly

75.8436, 0.3414, 0.3301

Monochromacy



Original Color

76.2522, 0.3582, 0.3577

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.1709, 0.3286, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2522, 0.3582, 0.3577 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, 220, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 192)  
}
```

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, 220, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 192) }
```

Border

The CSS property to change the border of an element to Yxy 76.2522, 0.3582, 0.3577 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, 220, 192) }
```

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

```
.border{ border-color:rgb(255, 220, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 220, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2522, 0.3582, 0.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 192) }
```

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

```
.background{ background-color: rgb(255,  
220, 192) }
```

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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