

Converting Colors

$Y_{xy}(76.2300, 0.3480, 0.3414)$

Have a look what the booklet for
Yxy(76.2300, 0.3480, 0.3414)
contains.

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Color

Yxy(76.4280, 0.3476, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBCF
RGB	255, 219, 207
RGB Percent	100%, 86%, 81%
CMY	0.0000, 0.1412, 0.1883
CMYK	0.00, 0.14, 0.19, 0.00
HSL	15°, 100%, 91%
HSV	15°, 19%, 100%
XYZ	77.8388, 76.4280, 69.6653
YIQ	228.3960, 25.3080, 3.9000

Conversions

Conversions Part 2

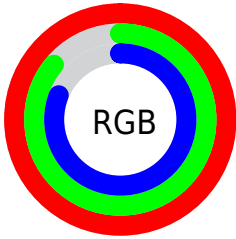
Format	Color
R _Y B	255, 223, 207
Decimal	16767951
CIE Lab	90.06, 10.65, 10.52
CIE LCh	90, 14.970, 44.647
Yxy	76.4280, 0.3476, 0.3413
Android (android.graphics.Color)	4294958031 (0xFFFFDBCf)
YUV	228.3960, -10.5482, 23.3317
Hunter-Lab	87.4231, 5.9403, 13.9495

Details

The Yxy color **76.4280, 0.3476, 0.3413** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.5702, 0.2836, 0.3164**, and the grayscale version is **77.9496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8566, 0.3557, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **65.8699, 0.3715, 0.3483**, and if you desaturate by 10%, it is **88.3296, 0.3276, 0.3346**.

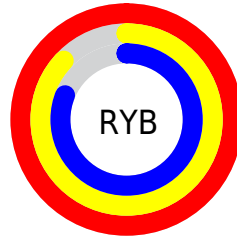
Distribution



Red (100%)

Green (86%)

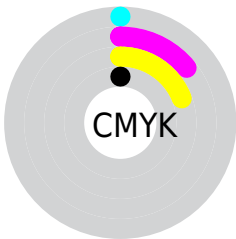
Blue (81%)



Red (100%)

Yellow (87%)

Blue (81%)

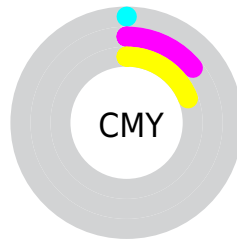


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4280, 0.3476, 0.3413 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 76.4280, 0.3476, 0.3413 by changing the saturation by 10% instead.


 76.4280, 0.3476,
0.3413

 76.4280, 0.3476,
0.3413


482.8116, 0.3315,
0.3359

 56.7835, 0.3513,
0.3425


128.3317, 0.3420,
0.3395

 40.8315, 0.3558,
0.3439


161.3598, 0.3398,
0.3388

 28.1874, 0.3616,
0.3456


199.6178, 0.3380,
0.3381

 18.4670, 0.3691,
0.3478

243.4902, 0.3363,
0.3376

 11.2858, 0.3793,
0.3506

293.3614, 0.3349,
0.3371

 6.2594, 0.3939,
0.3543

349.6158, 0.3336,

 3.0034, 0.4165,

0.3366

0.3592

412.6377, 0.3325,
0.3362

■ 1.1335, 0.4675,
0.3748

■ 0.0064, 0.9766,
0.0234

■ 76.4280, 0.3476,
0.3413

■ 76.4280, 0.3476,
0.3413

■ 65.8699, 0.3715,
0.3483

■ 88.3296, 0.3276,
0.3346

■ 56.6122, 0.3999,
0.3553

100.0000, 0.3127,
0.3290

■ 48.6019, 0.4329,
0.3617

■ 41.7845, 0.4700,
0.3668

■ 36.1010, 0.5096,
0.3694

■ 31.4873, 0.5486,
0.3684

■ 27.8721, 0.5827,
0.3632

■ 25.1708, 0.6082,
0.3543

■ 24.9083, 0.6107,
0.3533

Harmonies

Analogous

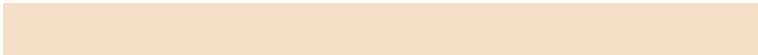
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4280, 0.3404, 0.3261



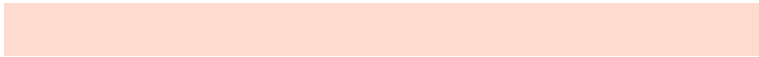
76.4280, 0.3476, 0.3413



76.4280, 0.3451, 0.3538

Triad

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



76.4280, 0.3476, 0.3413



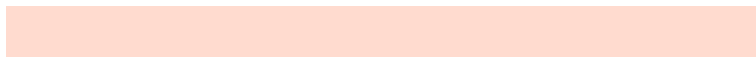
76.4280, 0.2994, 0.3469



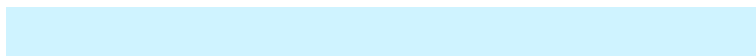
76.4280, 0.2915, 0.2991

Complementary

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



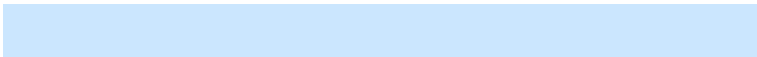
76.4280, 0.3476, 0.3413



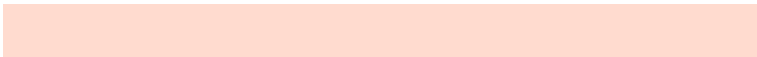
84.5702, 0.2836, 0.3164

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.



76.4280, 0.2811, 0.3036



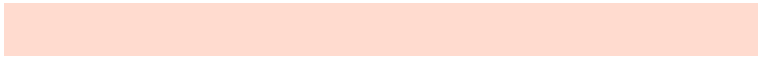
76.4280, 0.3476, 0.3413



76.4280, 0.2857, 0.3310

Square

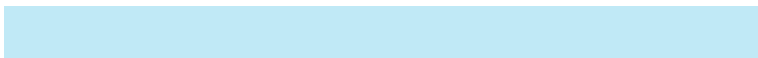
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4280, 0.3476, 0.3413



76.4280, 0.3170, 0.3577



76.4280, 0.2791, 0.3151



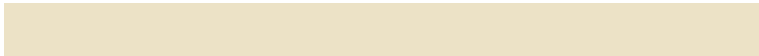
76.4280, 0.3076, 0.3023

Rectangle

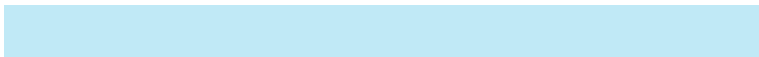
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4280, 0.3476, 0.3413



76.4280, 0.3384, 0.3589



76.4280, 0.2791, 0.3151



76.4280, 0.2872, 0.2998

Sweetspot

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



76.4263, 0.3476, 0.3413



91.9524, 0.3225, 0.3327



72.3452, 0.3233, 0.2933



19.5007, 0.3237, 0.3332



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.



76.4263, 0.3476, 0.3413



71.8660, 0.3570, 0.3442



89.8616, 0.3433, 0.3648



18.7257, 0.3288, 0.3350



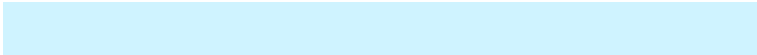
13.2126, 0.6080, 0.3554



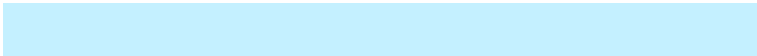
1.4510, 0.5863, 0.3727

Inverse Universe

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



84.5702, 0.2836, 0.3164



81.5102, 0.2773, 0.3133



71.1361, 0.2821, 0.2904



19.6660, 0.2980, 0.3229



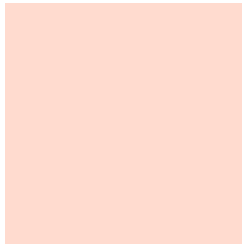
23.5298, 0.2016, 0.2456



2.4642, 0.2045, 0.2563

Previews

White Background



This preview shows how the Yxy color 76.4280, 0.3476, 0.3413 looks on a white background.

Color Contrast Check

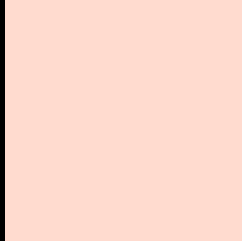
Large Text (above 18pt) WCAG AA × Fail

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 76.4280, 0.3476, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

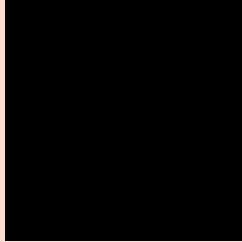
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.4280, 0.3476, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 76.4280, 0.3476, 0.3413.

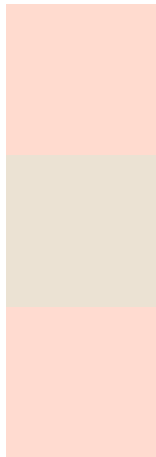


This preview shows how white text looks on a background with the Yxy color 76.4280, 0.3476, 0.3413.

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

76.4280, 0.3476, 0.3413

Protanopia

76.7580, 0.3290, 0.3449

Deuteranopia

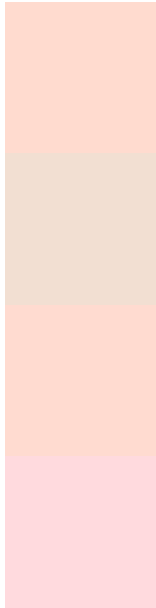
76.4771, 0.3468, 0.3403



Tritanopia

76.6552, 0.3308, 0.3151

Trichromacy



Original Color

76.4280, 0.3476, 0.3413

Protanomaly

76.3057, 0.3351, 0.3426

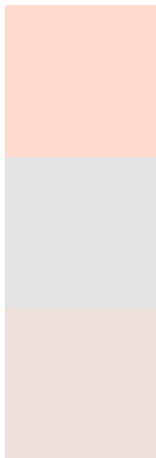
Deuteranomaly

76.4771, 0.3468, 0.3403

Tritanomaly

76.6767, 0.3370, 0.3251

Monochromacy



Original Color

76.4280, 0.3476, 0.3413

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.1949, 0.3252, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4280, 0.3476, 0.3413 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, 219, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 207)  
}
```

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, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 207) }
```

Border

The CSS property to change the border of an element to Yxy 76.4280, 0.3476, 0.3413 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, 219, 207) }
```

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

```
.border{ border-color:rgb(255, 219, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4280, 0.3476, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 207) }
```

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

```
.background{ background-color: rgb(255,  
219, 207) }
```

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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