

Converting Colors

Yxy(76.9065, 0.3481, 0.3433)

Have a look what the booklet for
Yxy(76.9065, 0.3481, 0.3433)
contains.

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Color

Yxy(76.9026, 0.3481, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCCE
RGB	255, 220, 206
RGB Percent	100%, 86%, 81%
CMY	0.0000, 0.1373, 0.1921
CMYK	0.00, 0.14, 0.19, 0.00
HSL	17°, 100%, 90%
HSV	17°, 19%, 100%
XYZ	77.9778, 76.9026, 69.1295
YIQ	228.8690, 25.3540, 3.0660

Conversions

Conversions Part 2

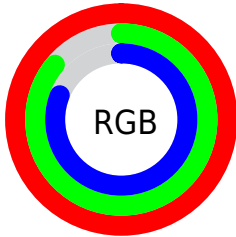
Format	Color
R _Y B	255, 226, 206
Decimal	16768206
CIE Lab	90.28, 9.98, 11.34
CIE LCh	90, 15.109, 48.639
Yxy	76.9026, 0.3481, 0.3433
Android (android.graphics.Color)	4294958286 (0xFFFFDCCE)
YUV	228.8690, -11.2744, 22.9169
Hunter-Lab	87.6941, 5.2579, 14.6475

Details

The Yxy color **76.9026, 0.3481, 0.3433** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.2567, 0.2829, 0.3142**, and the grayscale version is **78.3238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1830, 0.3564, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **66.7161, 0.3717, 0.3513**, and if you desaturate by 10%, it is **88.3338, 0.3282, 0.3356**.

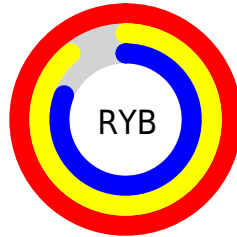
Distribution



Red (100%)

Green (86%)

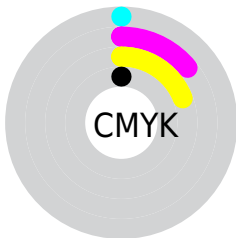
Blue (81%)



Red (100%)

Yellow (89%)

Blue (81%)

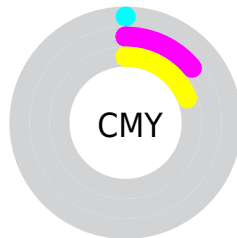


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9026, 0.3481, 0.3433 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 76.9026, 0.3481, 0.3433 by changing the saturation by 10% instead.


 76.9026, 0.3481,
0.3433

 76.9026, 0.3481,
0.3433

484.4319, 0.3318,
0.3370

 57.1729, 0.3518,
0.3447


129.0020, 0.3424,
0.3412

 41.1441, 0.3564,
0.3463

162.1405, 0.3402,
0.3403

 28.4317, 0.3622,
0.3484


200.5174, 0.3383,
0.3396

 18.6513, 0.3698,
0.3509

244.5171, 0.3367,
0.3389

 11.4186, 0.3800,
0.3543

294.5240, 0.3352,
0.3384

 6.3491, 0.3947,
0.3587

350.9225, 0.3339,

 3.0585, 0.4174,

0.3379

0.3647

414.0970, 0.3328,
0.3374

■ 1.1624, 0.4695,
0.3834

■ 0.0306, 0.8990,
0.1010

■ 76.9026, 0.3481,
0.3433

■ 76.9026, 0.3481,
0.3433

■ 66.7161, 0.3717,
0.3513

■ 88.3338, 0.3282,
0.3356

■ 57.7287, 0.3995,
0.3592

100.0000, 0.3127,
0.3290

■ 49.8960, 0.4316,
0.3665

■ 43.1694, 0.4674,
0.3723

■ 37.4967, 0.5055,
0.3755

■ 32.8214, 0.5429,
0.3749

■ 29.0805, 0.5759,
0.3696

■ 26.1982, 0.6011,
0.3602

■ 26.0038, 0.6029,
0.3595

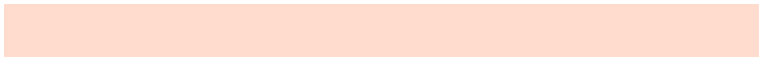
Harmonies

Analogous

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



76.9026, 0.3421, 0.3281



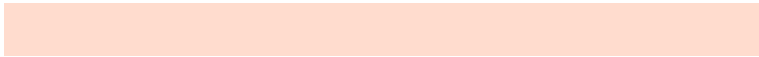
76.9026, 0.3481, 0.3433



76.9026, 0.3443, 0.3553

Triad

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



76.9026, 0.3481, 0.3433



76.9026, 0.2972, 0.3451



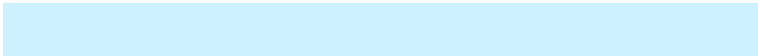
76.9026, 0.2932, 0.2989

Complementary

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



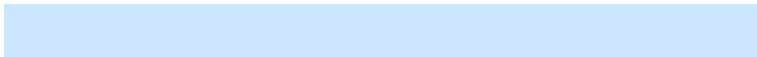
76.9026, 0.3481, 0.3433



83.2567, 0.2829, 0.3142

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.



76.9026, 0.2819, 0.3024



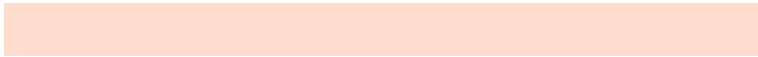
76.9026, 0.3481, 0.3433



76.9026, 0.2841, 0.3288

Square

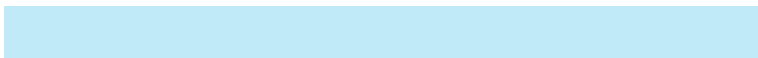
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9026, 0.3481, 0.3433



76.9026, 0.3146, 0.3569



76.9026, 0.2786, 0.3131



76.9026, 0.3100, 0.3031

Rectangle

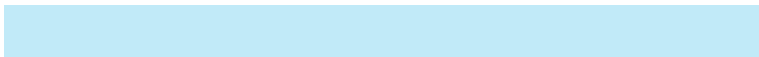
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9026, 0.3481, 0.3433



76.9026, 0.3368, 0.3597



76.9026, 0.2786, 0.3131



76.9026, 0.2886, 0.2992

Sweetspot

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



76.9034, 0.3481, 0.3433



92.2771, 0.3225, 0.3333



71.7637, 0.3247, 0.2942



19.5772, 0.3236, 0.3337



0.0000, 0.0000, 0.0000



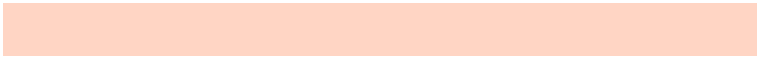
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.9034, 0.3481, 0.3433



72.9016, 0.3566, 0.3463



90.6497, 0.3436, 0.3671



18.8319, 0.3287, 0.3359



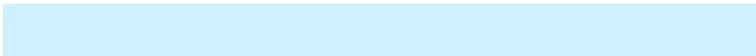
13.8060, 0.6000, 0.3618



1.5211, 0.5780, 0.3793

Inverse Universe

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



83.2567, 0.2829, 0.3142



80.2960, 0.2771, 0.3110



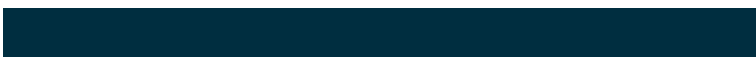
69.7737, 0.2814, 0.2878



19.5531, 0.2980, 0.3220



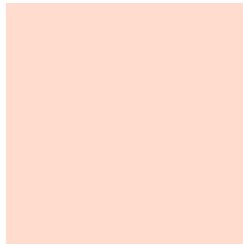
21.5566, 0.1981, 0.2330



2.2856, 0.2015, 0.2453

Previews

White Background



This preview shows how the Yxy color 76.9026, 0.3481, 0.3433 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 76.9026, 0.3481, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

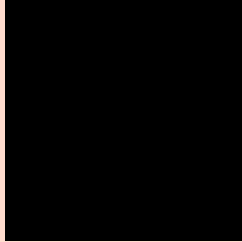
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

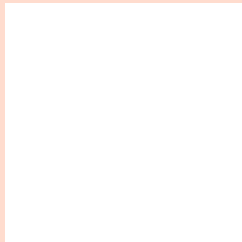
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9026, 0.3481, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 76.9026, 0.3481, 0.3433.

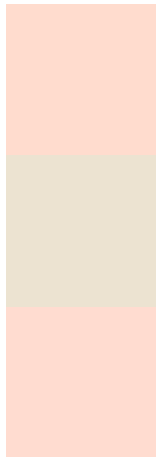


This preview shows how white text looks on a background with the Yxy color 76.9026, 0.3481, 0.3433.

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

76.9026, 0.3481, 0.3433

Protanopia

77.3745, 0.3309, 0.3480

Deuteranopia

77.0005, 0.3467, 0.3413



Tritanopia

76.7119, 0.3301, 0.3141

Trichromacy



Original Color

76.9026, 0.3481, 0.3433

Protanomaly

76.9201, 0.3371, 0.3457

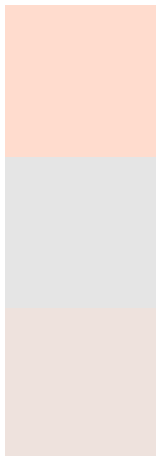
Deuteranomaly

76.9514, 0.3474, 0.3423

Tritanomaly

76.7305, 0.3363, 0.3240

Monochromacy



Original Color

76.9026, 0.3481, 0.3433

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.7903, 0.3244, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9026, 0.3481, 0.3433 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 206) }
```

Border

The CSS property to change the border of an element to Yxy 76.9026, 0.3481, 0.3433 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, 206) }
```

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

```
.border{ border-color:rgb(255, 220, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9026, 0.3481, 0.3433 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
220, 206) }
```

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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