

Converting Colors

$Yxy(81.1999, 0.3725, 0.3536)$

Have a look what the booklet for
Yxy(81.1999, 0.3725, 0.3536)
contains.

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Color

Yxy(76.9130, 0.3558, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDC3
RGB	255, 221, 195
RGB Percent	100%, 87%, 76%
CMY	0.0000, 0.1334, 0.2353
CMYK	0.00, 0.13, 0.24, 0.00
HSL	26°, 100%, 88%
HSV	26°, 24%, 100%
XYZ	76.9563, 76.9130, 62.4215
YIQ	228.2020, 28.6100, -0.8780

Conversions

Conversions Part 2

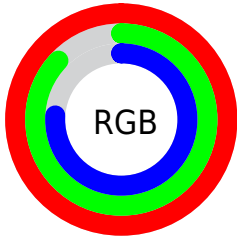
Format	Color
R _Y B	255, 241, 195
Decimal	16768451
CIE Lab	90.28, 7.91, 17.10
CIE LCh	90, 18.840, 65.173
Yxy	76.9130, 0.3558, 0.3556
Android (android.graphics.Color)	4294958531 (0xFFFFDDC3)
YUV	228.2020, -16.3686, 23.5018
Hunter-Lab	87.7001, 3.1575, 19.1897

Details

The Yxy color **76.9130, 0.3558, 0.3556** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8677, 0.2755, 0.3008**, and the grayscale version is **77.8417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **41.2013, 0.3664, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **68.5466, 0.3788, 0.3676**, and if you desaturate by 10%, it is **86.1275, 0.3357, 0.3439**.

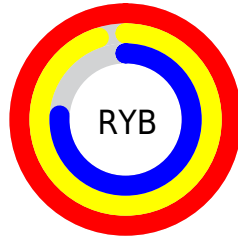
Distribution



Red (100%)

Green (87%)

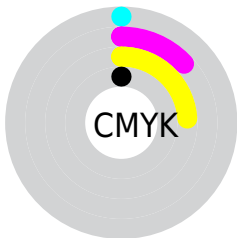
Blue (76%)



Red (100%)

Yellow (95%)

Blue (76%)

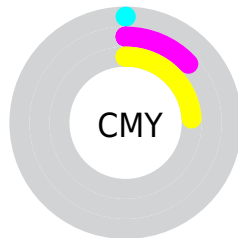


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9130, 0.3558, 0.3556 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 76.9130, 0.3558, 0.3556 by changing the saturation by 10% instead.


 76.9130, 0.3558,
0.3556

 76.9130, 0.3558,
0.3556

484.4673, 0.3359,
0.3437

 57.1815, 0.3603,
0.3582


129.0167, 0.3489,
0.3516

 41.1510, 0.3659,
0.3614


162.1576, 0.3463,
0.3500

 28.4371, 0.3728,
0.3653


200.5371, 0.3439,
0.3486

 18.6554, 0.3819,
0.3702

244.5396, 0.3419,
0.3474

 11.4215, 0.3941,
0.3766

294.5495, 0.3402,
0.3463

 6.3511, 0.4114,
0.3852

350.9511, 0.3386,

 3.0597, 0.4374,

0.3453

0.3968

414.1290, 0.3372,
0.3445

■ 1.1630, 0.5286,
0.4542

■ 0.0312, 0.8772,
0.1228

■ 76.9130, 0.3558,
0.3556

■ 76.9130, 0.3558,
0.3556

■ 68.5466, 0.3788,
0.3676

■ 86.1275, 0.3357,
0.3439

■ 61.0109, 0.4049,
0.3792

■ 96.2242, 0.3183,
0.3328

■ 54.2747, 0.4337,
0.3898

100.0000, 0.3127,
0.3290

■ 48.3082, 0.4643,
0.3980

■ 43.0791, 0.4952,
0.4027

■ 38.5523, 0.5245,
0.4026

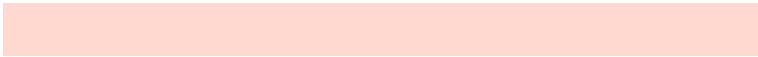
■ 34.6878, 0.5496,
0.3969

■ 32.5116, 0.5634,
0.3908

Harmonies

Analogous

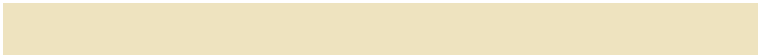
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9130, 0.3550, 0.3383



76.9130, 0.3558, 0.3556



76.9130, 0.3446, 0.3667

Triad

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



76.9130, 0.3558, 0.3556



76.9130, 0.2835, 0.3381



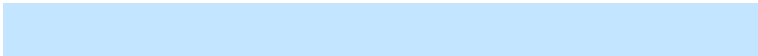
76.9130, 0.2993, 0.2935

Complementary

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



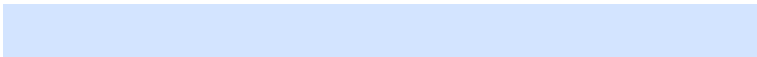
76.9130, 0.3558, 0.3556



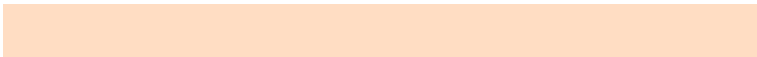
74.8677, 0.2755, 0.3008

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.



76.9130, 0.2810, 0.2924



76.9130, 0.3558, 0.3556



76.9130, 0.2722, 0.3173

Square

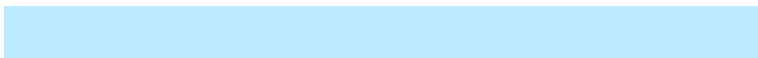
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9130, 0.3558, 0.3556



76.9130, 0.3027, 0.3569



76.9130, 0.2713, 0.3007



76.9130, 0.3218, 0.3033

Rectangle

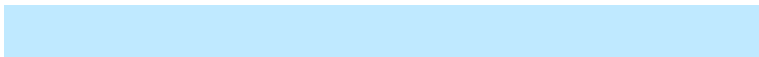
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9130, 0.3558, 0.3556



76.9130, 0.3322, 0.3685



76.9130, 0.2713, 0.3007



76.9130, 0.2925, 0.2921

Sweetspot

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



76.9100, 0.3558, 0.3556



92.6168, 0.3240, 0.3366



66.0059, 0.3340, 0.2938



19.6920, 0.3250, 0.3372



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.



76.9100, 0.3558, 0.3556



73.0653, 0.3657, 0.3610



93.5719, 0.3494, 0.3834



19.2813, 0.3283, 0.3393



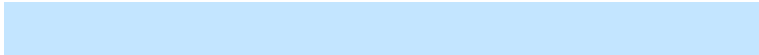
17.2718, 0.5606, 0.3931



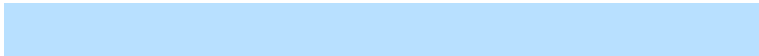
1.8940, 0.5407, 0.4089

Inverse Universe

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



74.8677, 0.2755, 0.3008



70.7104, 0.2684, 0.2947



60.1336, 0.2729, 0.2681



19.0867, 0.2979, 0.3184



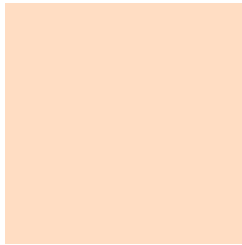
14.5832, 0.1834, 0.1803



1.6372, 0.1886, 0.1987

Previews

White Background



This preview shows how the Yxy color 76.9130, 0.3558, 0.3556 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 76.9130, 0.3558, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

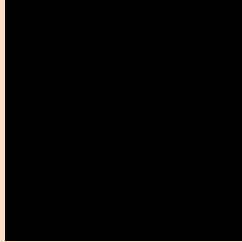
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.9130, 0.3558, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 76.9130, 0.3558, 0.3556.



This preview shows how white text looks on a background with the Yxy color 76.9130, 0.3558, 0.3556.

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

76.9130, 0.3558, 0.3556

Protanopia

77.1925, 0.3398, 0.3597

Deuteranopia

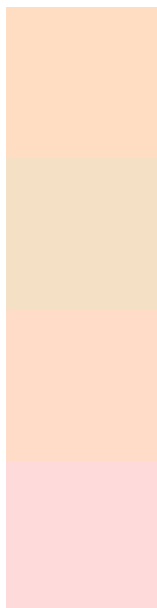
76.7107, 0.3510, 0.3474



Tritanopia

76.7119, 0.3301, 0.3141

Trichromacy



Original Color

76.9130, 0.3558, 0.3556

Protanomaly

77.1147, 0.3453, 0.3583

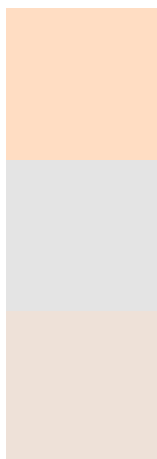
Deuteranomaly

76.5699, 0.3531, 0.3505

Tritanomaly

76.5173, 0.3391, 0.3281

Monochromacy



Original Color

76.9130, 0.3558, 0.3556

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.9854, 0.3279, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9130, 0.3558, 0.3556 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 195) }
```

Border

The CSS property to change the border of an element to Yxy 76.9130, 0.3558, 0.3556 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, 195) }
```

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

```
.border{ border-color:rgb(255, 221, 195) }
```

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, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9130, 0.3558, 0.3556 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
221, 195) }
```

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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