

Converting Colors

$Y_{xy}(85.3624, 0.3848, 0.3561)$

Have a look what the booklet for
Yxy(85.3624, 0.3848, 0.3561)
contains.

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Color

Yxy(77.3528, 0.3570, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEC1
RGB	255, 222, 193
RGB Percent	100%, 87%, 76%
CMY	0.0000, 0.1294, 0.2432
CMYK	0.00, 0.13, 0.24, 0.00
HSL	28°, 100%, 88%
HSV	28°, 24%, 100%
XYZ	76.9862, 77.3528, 61.3086
YIQ	228.5610, 28.9770, -2.0230

Conversions

Conversions Part 2

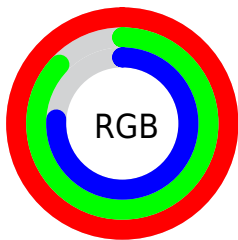
Format	Color
R _Y B	255, 247, 193
Decimal	16768705
CIE Lab	90.48, 7.10, 18.44
CIE LCh	90, 19.760, 68.944
Yxy	77.3528, 0.3570, 0.3587
Android (android.graphics.Color)	4294958785 (0xFFFFDEC1)
YUV	228.5610, -17.5316, 23.1870
Hunter-Lab	87.9504, 2.3342, 20.2354

Details

The Yxy color **77.3528, 0.3570, 0.3587** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.9290, 0.2741, 0.2973**, and the grayscale version is **78.1302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **41.5073, 0.3680, 0.3657** is the 20% darker color. If you saturate the color by 10%, you get **69.3952, 0.3797, 0.3716**, and if you desaturate by 10%, it is **86.0907, 0.3370, 0.3461**.

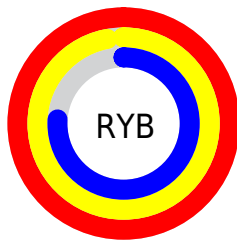
Distribution



Red (100%)

Green (87%)

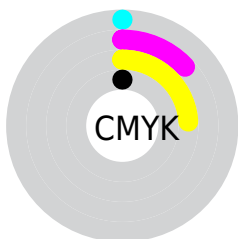
Blue (76%)



Red (100%)

Yellow (97%)

Blue (76%)

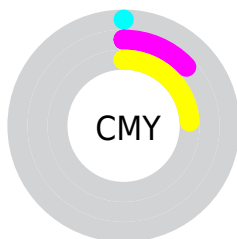


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.3528, 0.3570, 0.3587 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 77.3528, 0.3570, 0.3587 by changing the saturation by 10% instead.


 77.3528, 0.3570,
0.3587

 77.3528, 0.3570,
0.3587


485.9661, 0.3366,
0.3454

 57.5425, 0.3616,
0.3616


 129.6374, 0.3500,
0.3542

 41.4409, 0.3673,
0.3652


162.8804, 0.3472,
0.3524

 28.6638, 0.3744,
0.3695

201.3698, 0.3448,
0.3509

 18.8266, 0.3836,
0.3751

245.4900, 0.3428,
0.3495

 11.5451, 0.3960,
0.3822

295.6253, 0.3410,
0.3483

 6.4347, 0.4134,
0.3918

352.1601, 0.3394,

 3.1112, 0.4394,

0.3472

0.4049

415.4789, 0.3379,
0.3463

■ 1.1900, 0.5325,
0.4675

■ 0.0536, 0.8072,
0.1928

■ 77.3528, 0.3570,
0.3587

■ 77.3528, 0.3570,
0.3587

■ 69.3952, 0.3797,
0.3716

■ 86.0907, 0.3370,
0.3461

■ 62.1877, 0.4052,
0.3841

■ 95.6248, 0.3195,
0.3340

■ 55.7074, 0.4329,
0.3953

100.0000, 0.3127,
0.3290

■ 49.9277, 0.4621,
0.4042

■ 44.8195, 0.4913,
0.4093

■ 40.3512, 0.5185,
0.4095

■ 36.4864, 0.5417,
0.4040

■ 34.5390, 0.5531,
0.3990

Harmonies

Analogous

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



77.3528, 0.3579, 0.3411



77.3528, 0.3570, 0.3587



77.3528, 0.3439, 0.3692

Triad

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



77.3528, 0.3570, 0.3587



77.3528, 0.2801, 0.3357



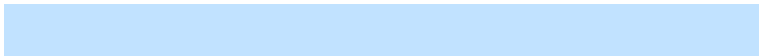
77.3528, 0.3015, 0.2928

Complementary

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



77.3528, 0.3570, 0.3587



72.9290, 0.2741, 0.2973

Split Complementary

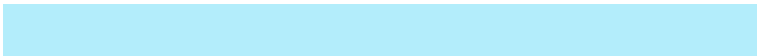
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3528, 0.2816, 0.2904



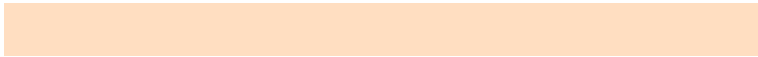
77.3528, 0.3570, 0.3587



77.3528, 0.2696, 0.3141

Square

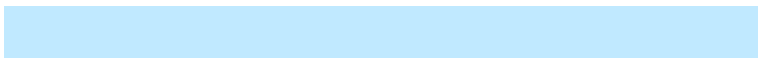
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3528, 0.3570, 0.3587



77.3528, 0.2993, 0.3562



77.3528, 0.2701, 0.2978



77.3528, 0.3252, 0.3040

Rectangle

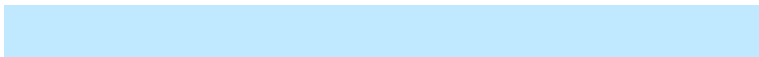
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3528, 0.3570, 0.3587



77.3528, 0.3303, 0.3702



77.3528, 0.2701, 0.2978



77.3528, 0.2941, 0.2909

Sweetspot

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



77.3550, 0.3570, 0.3587



92.9940, 0.3240, 0.3372



64.8823, 0.3373, 0.2955



19.7793, 0.3250, 0.3379



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.



77.3550, 0.3570, 0.3587



73.5379, 0.3673, 0.3647



95.3170, 0.3500, 0.3881



19.3888, 0.3283, 0.3402



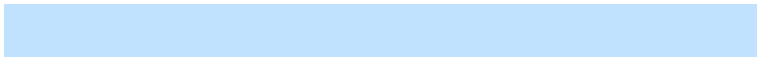
18.3401, 0.5504, 0.4012



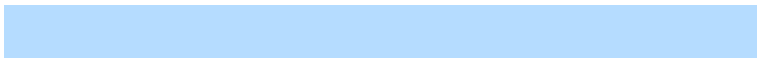
2.0021, 0.5317, 0.4161

Inverse Universe

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



72.9290, 0.2741, 0.2973



68.4392, 0.2664, 0.2903



57.6027, 0.2710, 0.2621



18.9777, 0.2979, 0.3176



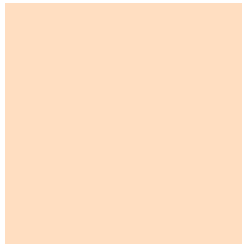
13.2227, 0.1801, 0.1682



1.5063, 0.1855, 0.1878

Previews

White Background



This preview shows how the Yxy color 77.3528, 0.3570, 0.3587 looks on a white background.

Color Contrast Check

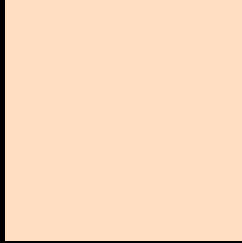
Large Text (above 18pt) WCAG AA × Fail

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 77.3528, 0.3570, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

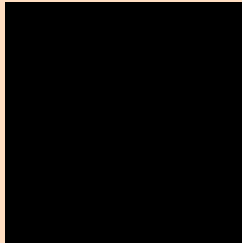
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.3528, 0.3570, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 77.3528, 0.3570, 0.3587.



This preview shows how white text looks on a background with the Yxy color 77.3528, 0.3570, 0.3587.

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

77.3528, 0.3570, 0.3587

Protanopia

77.2744, 0.3419, 0.3618

Deuteranopia

77.2372, 0.3508, 0.3484



Tritanopia

77.2290, 0.3300, 0.3151

Trichromacy



Original Color

77.3528, 0.3570, 0.3587

Protanomaly

77.2030, 0.3474, 0.3604

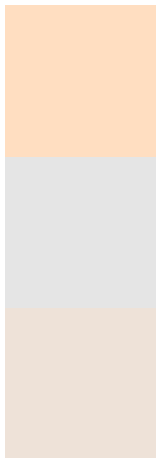
Deuteranomaly

77.0964, 0.3529, 0.3515

Tritanomaly

76.9850, 0.3397, 0.3301

Monochromacy



Original Color

77.3528, 0.3570, 0.3587

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.5277, 0.3278, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3528, 0.3570, 0.3587 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 193) }
```

Border

The CSS property to change the border of an element to Yxy 77.3528, 0.3570, 0.3587 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, 193) }
```

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

```
.border{ border-color:rgb(255, 222, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3528, 0.3570, 0.3587 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
222, 193) }
```

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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