

Converting Colors

$Y_{xy}(104.3383, 0.4271, 0.3531)$

Have a look what the booklet for
Yxy(104.3383, 0.4271, 0.3531)
contains.

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Color

Yxy(79.5928, 0.3546, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2C3
RGB	255, 226, 195
RGB Percent	100%, 89%, 76%
CMY	0.0002, 0.1136, 0.2353
CMYK	0.00, 0.11, 0.24, 0.00
HSL	31°, 100%, 88%
HSV	31°, 24%, 100%
XYZ	78.2685, 79.5928, 62.8620
YIQ	231.1370, 27.2350, -3.4930

Conversions

Conversions Part 2

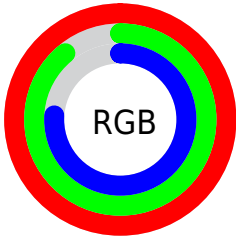
Format	Color
R_{YB}	251, 255, 195
Decimal	16769731
CIE Lab	91.50, 5.28, 18.81
CIE LCh	92, 19.541, 74.310
Yxy	79.5928, 0.3546, 0.3606
Android (android.graphics.Color)	4294959811 (0xFFFFE2C3)
YUV	231.1370, -17.8155, 20.9279
Hunter-Lab	89.2148, 0.4728, 20.6738

Details

The Yxy color **79.5928, 0.3546, 0.3606** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.0747, 0.2751, 0.2952**, and the grayscale version is **80.1355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **43.0547, 0.3647, 0.3681** is the 20% darker color. If you saturate the color by 10%, you get **72.0905, 0.3764, 0.3747**, and if you desaturate by 10%, it is **87.7787, 0.3352, 0.3467**.

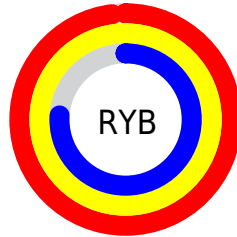
Distribution



Red (100%)

Green (89%)

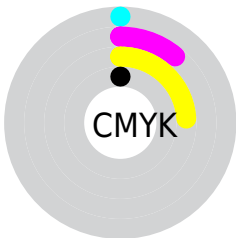
Blue (76%)



Red (98%)

Yellow (100%)

Blue (76%)

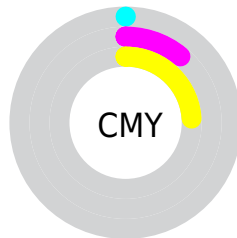


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5928, 0.3546, 0.3606 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 79.5928, 0.3546, 0.3606 by changing the saturation by 10% instead.


 79.5928, 0.3546,
0.3606

 79.5928, 0.3546,
0.3606


493.5595, 0.3355,
0.3464

 59.3833, 0.3589,
0.3637

132.7931, 0.3480,
0.3558

 42.9218, 0.3642,
0.3675


166.5527, 0.3454,
0.3539

 29.8237, 0.3708,
0.3722


205.5978, 0.3432,
0.3522

 19.7048, 0.3793,
0.3781

250.3127, 0.3413,
0.3508

 12.1807, 0.3907,
0.3858

301.0820, 0.3396,
0.3495

 6.8668, 0.4065,
0.3963

358.2900, 0.3380,

 3.3790, 0.4299,

0.3484

0.4107

422.3210, 0.3367,
0.3474

■ 1.3326, 0.5070,
0.4680

■ 0.1663, 0.6332,
0.3668

■ 79.5928, 0.3546,
0.3606

■ 79.5928, 0.3546,
0.3606

■ 72.0905, 0.3764,
0.3747

■ 87.7787, 0.3352,
0.3467

■ 65.2410, 0.4004,
0.3885

■ 96.6562, 0.3182,
0.3335

■ 59.0266, 0.4264,
0.4011

99.9880, 0.3127,
0.3290

■ 53.4248, 0.4534,
0.4113

■ 48.4109, 0.4802,
0.4179

■ 43.9578, 0.5051,
0.4196

■ 40.0345, 0.5264,
0.4158

■ 37.7494, 0.5383,
0.4108

Harmonies

Analogous

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



79.5928, 0.3577, 0.3443



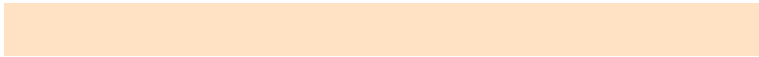
79.5928, 0.3546, 0.3606



79.5928, 0.3400, 0.3691

Triad

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



79.5928, 0.3546, 0.3606



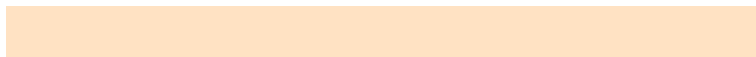
79.5928, 0.2782, 0.3317



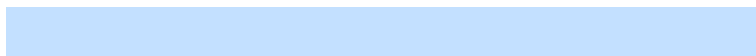
79.5928, 0.3058, 0.2949

Complementary

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



79.5928, 0.3546, 0.3606



72.0747, 0.2751, 0.2952

Split Complementary

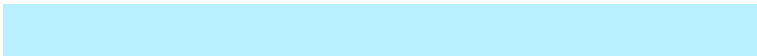
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5928, 0.2852, 0.2908



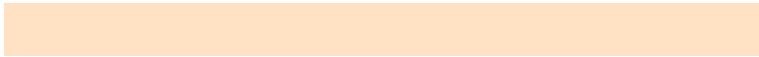
79.5928, 0.3546, 0.3606



79.5928, 0.2697, 0.3111

Square

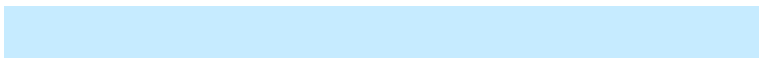
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5928, 0.3546, 0.3606



79.5928, 0.2958, 0.3524



79.5928, 0.2722, 0.2964



79.5928, 0.3290, 0.3072

Rectangle

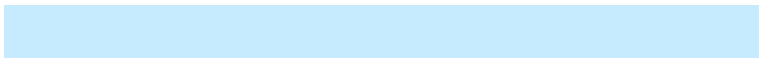
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5928, 0.3546, 0.3606



79.5928, 0.3260, 0.3686



79.5928, 0.2722, 0.2964



79.5928, 0.2983, 0.2925

Sweetspot

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



79.5964, 0.3546, 0.3606



93.5334, 0.3239, 0.3380



65.6548, 0.3386, 0.2997



19.9041, 0.3249, 0.3388



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.



79.5964, 0.3546, 0.3606



76.1889, 0.3641, 0.3669



96.4787, 0.3477, 0.3881



19.5429, 0.3281, 0.3413



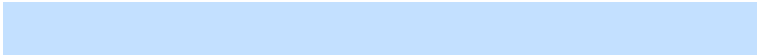
20.0365, 0.5358, 0.4127



2.1697, 0.5189, 0.4262

Inverse Universe

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



72.0747, 0.2751, 0.2952



67.5205, 0.2676, 0.2877



57.9774, 0.2731, 0.2625



18.8234, 0.2979, 0.3164



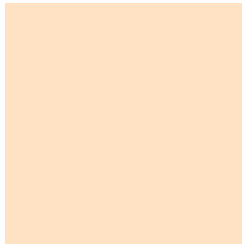
11.4666, 0.1754, 0.1515



1.3339, 0.1813, 0.1725

Previews

White Background



This preview shows how the Yxy color 79.5928, 0.3546, 0.3606 looks on a white background.

Color Contrast Check

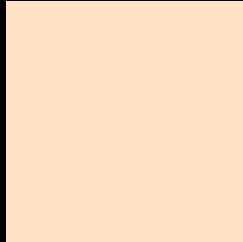
Large Text (above 18pt) WCAG AA × Fail

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 79.5928, 0.3546, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

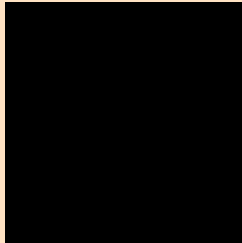
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.5928, 0.3546, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 79.5928, 0.3546, 0.3606.


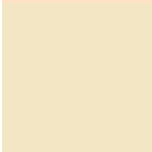


This preview shows how white text looks on a background with the Yxy color 79.5928, 0.3546, 0.3606.

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

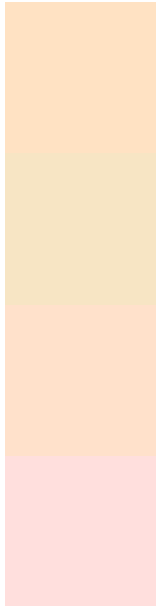
	Original Color 79.5928, 0.3546, 0.3606
	Protanopia 79.6795, 0.3436, 0.3634
	Deuteranopia 79.6645, 0.3458, 0.3463



Tritanopia

79.5587, 0.3268, 0.3152

Trichromacy



Original Color

79.5928, 0.3546, 0.3606

Protanomaly

79.7983, 0.3474, 0.3631

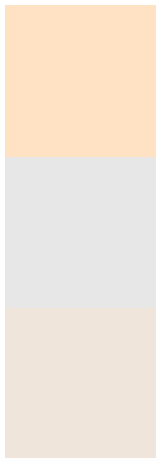
Deuteranomaly

79.4222, 0.3493, 0.3514

Tritanomaly

79.2558, 0.3370, 0.3311

Monochromacy



Original Color

79.5928, 0.3546, 0.3606

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.6258, 0.3275, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5928, 0.3546, 0.3606 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, 226, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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, 226, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 195) }
```

Border

The CSS property to change the border of an element to Yxy 79.5928, 0.3546, 0.3606 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, 226, 195) }
```

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

```
.border{ border-color:rgb(255, 226, 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, 226, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5928, 0.3546, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 195) }
```

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

```
.background{ background-color: rgb(255,  
226, 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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