

Converting Colors

$Y_{xy}(78.9985, 0.3548, 0.3594)$

Have a look what the booklet for
Yxy(78.9985, 0.3548, 0.3594)
contains.

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Color

Yxy(79.0506, 0.3549, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1C3
RGB	255, 225, 195
RGB Percent	100%, 88%, 76%
CMY	0.0000, 0.1176, 0.2354
CMYK	0.00, 0.12, 0.24, 0.00
HSL	30°, 100%, 88%
HSV	30°, 24%, 100%
XYZ	78.0174, 79.0506, 62.7613
YIQ	230.5500, 27.5100, -2.9700

Conversions

Conversions Part 2

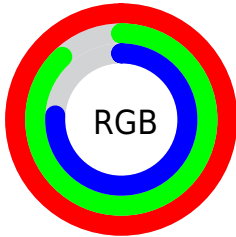
Format	Color
R_{YB}	255, 255, 195
Decimal	16769475
CIE _{Lab}	91.26, 5.84, 18.48
CIE _{LCh}	91, 19.380, 72.470
Yxy	79.0506, 0.3549, 0.3596
Android (android.graphics.Color)	4294959555 (0xFFFFE1C3)
YUV	230.5500, -17.5261, 21.4427
Hunter-Lab	88.9104, 1.0376, 20.3849

Details

The Yxy color **79.0506, 0.3549, 0.3596** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.6551, 0.2752, 0.2963**, and the grayscale version is **79.6751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **42.6783, 0.3650, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **71.3593, 0.3769, 0.3733**, and if you desaturate by 10%, it is **87.4544, 0.3354, 0.3462**.

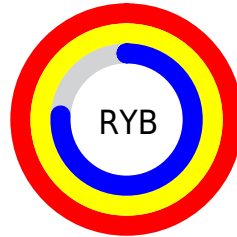
Distribution



Red (100%)

Green (88%)

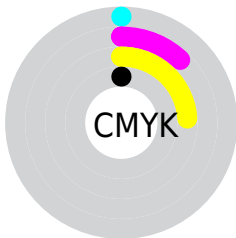
Blue (76%)



Red (100%)

Yellow (100%)

Blue (76%)

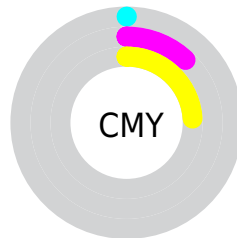


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0506, 0.3549, 0.3596 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 79.0506, 0.3549, 0.3596 by changing the saturation by 10% instead.


 79.0506, 0.3549,
0.3596

 79.0506, 0.3549,
0.3596


491.7275, 0.3356,
0.3459

 58.9374, 0.3592,
0.3626


132.0301, 0.3482,
0.3549

 42.5627, 0.3646,
0.3663


165.6652, 0.3456,
0.3531

 29.5422, 0.3713,
0.3708


204.5764, 0.3434,
0.3515

 19.4914, 0.3799,
0.3765

249.1481, 0.3414,
0.3501

 12.0259, 0.3915,
0.3840

299.7646, 0.3397,
0.3489

 6.7613, 0.4076,
0.3940

356.8104, 0.3382,

 3.3133, 0.4316,

0.3478

0.4079

420.6699, 0.3368,
0.3468

■ 1.2974, 0.5115,
0.4653

■ 0.1392, 0.6638,
0.3362

■ 79.0506, 0.3549,
0.3596

■ 79.0506, 0.3549,
0.3596

■ 71.3593, 0.3769,
0.3733

■ 87.4544, 0.3354,
0.3462

■ 64.3575, 0.4014,
0.3866

■ 96.5889, 0.3182,
0.3334

■ 58.0234, 0.4279,
0.3988

100.0000, 0.3127,
0.3290

■ 52.3330, 0.4557,
0.4086

■ 47.2604, 0.4833,
0.4148

■ 42.7769, 0.5091,
0.4161

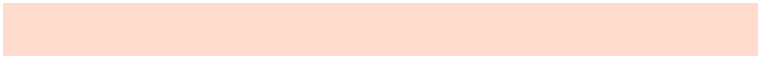
■ 38.8501, 0.5313,
0.4119

■ 36.5846, 0.5435,
0.4066

Harmonies

Analogous

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



79.0506, 0.3572, 0.3430



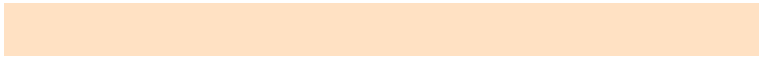
79.0506, 0.3549, 0.3596



79.0506, 0.3410, 0.3687

Triad

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



79.0506, 0.3549, 0.3596



79.0506, 0.2792, 0.3330



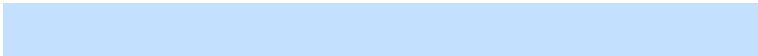
79.0506, 0.3044, 0.2946

Complementary

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



79.0506, 0.3549, 0.3596



72.6551, 0.2752, 0.2963

Split Complementary

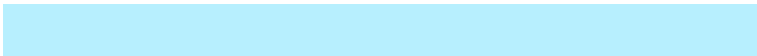
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0506, 0.2843, 0.2911



79.0506, 0.3549, 0.3596



79.0506, 0.2702, 0.3123

Square

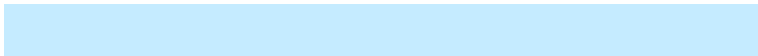
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0506, 0.3549, 0.3596



79.0506, 0.2972, 0.3534



79.0506, 0.2720, 0.2973



79.0506, 0.3275, 0.3063

Rectangle

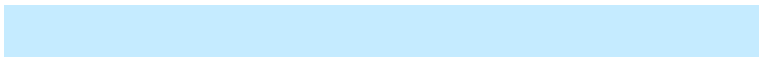
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0506, 0.3549, 0.3596



79.0506, 0.3273, 0.3687



79.0506, 0.2720, 0.2973



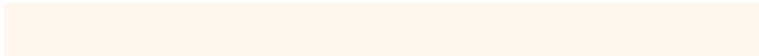
79.0506, 0.2971, 0.2924

Sweetspot

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



79.0512, 0.3549, 0.3596



93.3431, 0.3239, 0.3377



65.7154, 0.3378, 0.2986



19.8601, 0.3249, 0.3385



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.



79.0512, 0.3549, 0.3596



75.5329, 0.3644, 0.3657



96.7191, 0.3484, 0.3880



19.4885, 0.3282, 0.3409



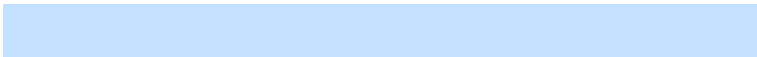
19.4149, 0.5410, 0.4087



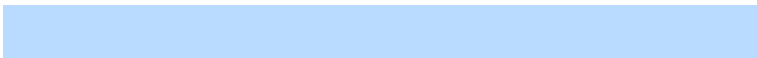
2.1088, 0.5234, 0.4226

Inverse Universe

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



72.6551, 0.2752, 0.2963



68.1715, 0.2678, 0.2892



57.8388, 0.2724, 0.2623



18.8777, 0.2979, 0.3168



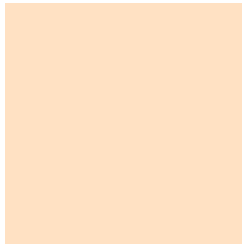
12.0615, 0.1770, 0.1573



1.3928, 0.1828, 0.1779

Previews

White Background



This preview shows how the Yxy color 79.0506, 0.3549, 0.3596 looks on a white background.

Color Contrast Check

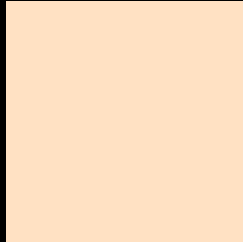
Large Text (above 18pt) WCAG AA × Fail

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 79.0506, 0.3549, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

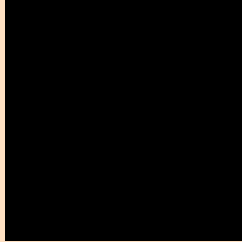
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0506, 0.3549, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 79.0506, 0.3549, 0.3596.



This preview shows how white text looks on a background with the Yxy color 79.0506, 0.3549, 0.3596.

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

79.0506, 0.3549, 0.3596

Protanopia

78.9471, 0.3431, 0.3625

Deuteranopia

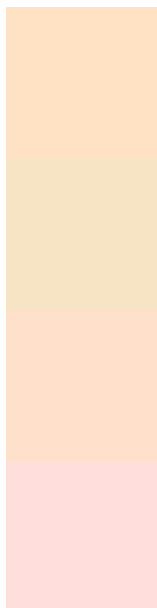
79.0275, 0.3473, 0.3473



Tritanopia

78.9711, 0.3276, 0.3152

Trichromacy



Original Color

79.0506, 0.3549, 0.3596

Protanomaly

79.2465, 0.3476, 0.3621

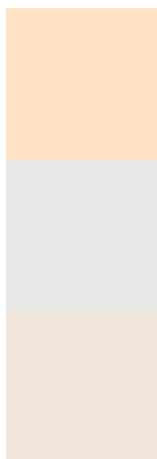
Deuteranomaly

78.8356, 0.3502, 0.3514

Tritanomaly

78.6699, 0.3379, 0.3311

Monochromacy



Original Color

79.0506, 0.3549, 0.3596

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 79.0506, 0.3549, 0.3596 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, 225, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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, 225, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 195) }
```

Border

The CSS property to change the border of an element to Yxy 79.0506, 0.3549, 0.3596 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, 225, 195) }
```

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

```
.border{ border-color:rgb(255, 225, 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, 225, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0506, 0.3549, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 195) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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