

Converting Colors

$Y_{xy}(86.5173, 0.3774, 0.3526)$

Have a look what the booklet for
Yxy(86.5173, 0.3774, 0.3526)
contains.

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Color

Yxy(79.2806, 0.3514, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1C8
RGB	255, 225, 200
RGB Percent	100%, 88%, 78%
CMY	0.0000, 0.1177, 0.2156
CMYK	0.00, 0.12, 0.22, 0.00
HSL	27°, 100%, 89%
HSV	27°, 22%, 100%
XYZ	78.6095, 79.2806, 65.8136
YIQ	231.1200, 25.9050, -1.4150

Conversions

Conversions Part 2

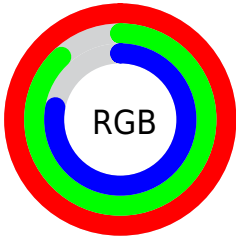
Format	Color
R_{YB}	255, 246, 200
Decimal	16769480
CIE _{Lab}	91.36, 6.57, 16.00
CIE _{LCh}	91, 17.300, 67.678
Yxy	79.2806, 0.3514, 0.3544
Android (android.graphics.Color)	4294959560 (0xFFFFE1C8)
YUV	231.1200, -15.3422, 20.9428
Hunter-Lab	89.0397, 1.7710, 18.5036

Details

The Yxy color **79.2806, 0.3514, 0.3544** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1158, 0.2786, 0.3022**, and the grayscale version is **80.0997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8305, 0.3604, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **70.9550, 0.3735, 0.3669**, and if you desaturate by 10%, it is **88.4017, 0.3320, 0.3423**.

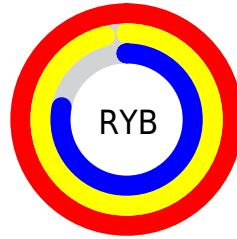
Distribution



Red (100%)

Green (88%)

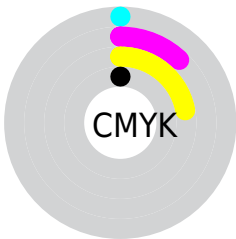
Blue (78%)



Red (100%)

Yellow (96%)

Blue (78%)

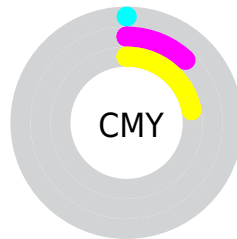


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2806, 0.3514, 0.3544 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 79.2806, 0.3514, 0.3544 by changing the saturation by 10% instead.


 79.2806, 0.3514,
0.3544

 79.2806, 0.3514,
0.3544


492.5051, 0.3337,
0.3431

 59.1265, 0.3554,
0.3569


132.3538, 0.3453,
0.3505

 42.7150, 0.3603,
0.3599


166.0418, 0.3429,
0.3490

 29.6616, 0.3665,
0.3637


205.0098, 0.3408,
0.3477

 19.5818, 0.3745,
0.3684


249.6423, 0.3390,
0.3465

 12.0915, 0.3852,
0.3746

300.3237, 0.3375,
0.3455

 6.8060, 0.4003,
0.3830

357.4384, 0.3361,

 3.3411, 0.4229,

0.3446

0.3947

421.3707, 0.3348,
0.3438

■ 1.3123, 0.4843,
0.4330

■ 0.1507, 0.6683,
0.3317

■ 79.2806, 0.3514,
0.3544

■ 79.2806, 0.3514,
0.3544

■ 70.9550, 0.3735,
0.3669

■ 88.4017, 0.3320,
0.3423

■ 63.4261, 0.3986,
0.3792

■ 98.3673, 0.3151,
0.3307

■ 56.6596, 0.4262,
0.3906

100.0000, 0.3127,
0.3290

■ 50.6280, 0.4556,
0.3999

■ 45.3017, 0.4857,
0.4059

■ 40.6484, 0.5144,
0.4072

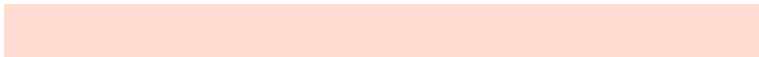
■ 36.6318, 0.5395,
0.4030

■ 33.7002, 0.5573,
0.3957

Harmonies

Analogous

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



79.2806, 0.3516, 0.3390



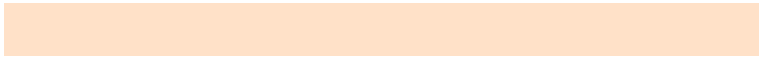
79.2806, 0.3514, 0.3544



79.2806, 0.3405, 0.3637

Triad

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



79.2806, 0.3514, 0.3544



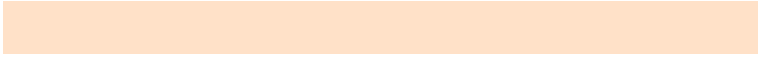
79.2806, 0.2849, 0.3357



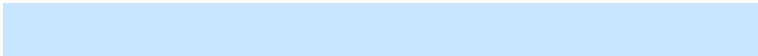
79.2806, 0.3022, 0.2971

Complementary

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



79.2806, 0.3514, 0.3544



76.1158, 0.2786, 0.3022

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.



79.2806, 0.2850, 0.2954



79.2806, 0.3514, 0.3544



79.2806, 0.2753, 0.3170

Square

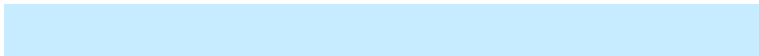
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2806, 0.3514, 0.3544



79.2806, 0.3020, 0.3531



79.2806, 0.2753, 0.3024



79.2806, 0.3227, 0.3066

Rectangle

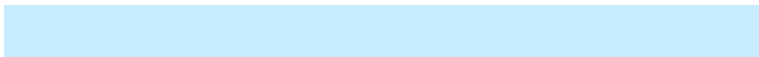
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2806, 0.3514, 0.3544



79.2806, 0.3289, 0.3647



79.2806, 0.2753, 0.3024



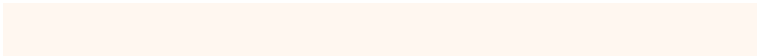
79.2806, 0.2958, 0.2956

Sweetspot

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



79.2720, 0.3514, 0.3544



93.8392, 0.3223, 0.3358



68.3050, 0.3332, 0.2986



19.9459, 0.3234, 0.3365



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.



79.2720, 0.3514, 0.3544



75.4814, 0.3608, 0.3599



95.2095, 0.3459, 0.3805



19.3455, 0.3283, 0.3398



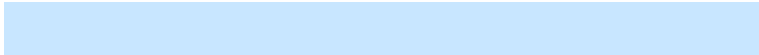
17.8986, 0.5545, 0.3979



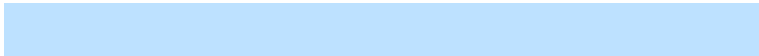
1.9577, 0.5353, 0.4132

Inverse Universe

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



76.1158, 0.2786, 0.3022



71.7953, 0.2714, 0.2959



62.1043, 0.2764, 0.2717



19.0215, 0.2979, 0.3179



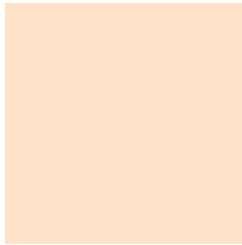
13.7569, 0.1814, 0.1730



1.5579, 0.1867, 0.1922

Previews

White Background



This preview shows how the Yxy color 79.2806, 0.3514, 0.3544 looks on a white background.

Color Contrast Check

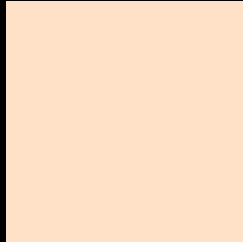
Large Text (above 18pt) WCAG AA × Fail

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 79.2806, 0.3514, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

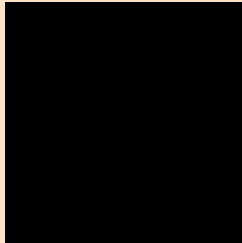
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2806, 0.3514, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 79.2806, 0.3514, 0.3544.

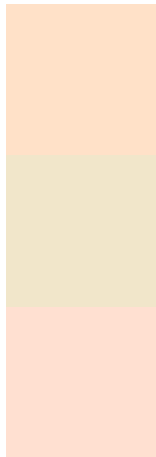


This preview shows how white text looks on a background with the Yxy color 79.2806, 0.3514, 0.3544.

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

79.2806, 0.3514, 0.3544

Protanopia

79.5587, 0.3388, 0.3583

Deuteranopia

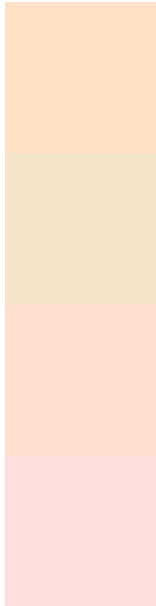
79.1748, 0.3452, 0.3442



Tritanopia

79.0290, 0.3269, 0.3142

Trichromacy



Original Color

79.2806, 0.3514, 0.3544

Protanomaly

79.2967, 0.3435, 0.3570

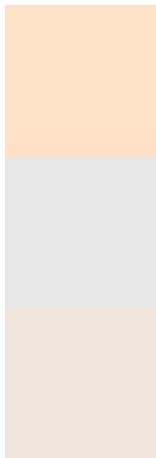
Deuteranomaly

79.0275, 0.3473, 0.3473

Tritanomaly

78.8303, 0.3358, 0.3281

Monochromacy



Original Color

79.2806, 0.3514, 0.3544

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.7312, 0.3262, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2806, 0.3514, 0.3544 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 200) }
```

Border

The CSS property to change the border of an element to Yxy 79.2806, 0.3514, 0.3544 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, 200) }
```

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

```
.border{ border-color:rgb(255, 225, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2806, 0.3514, 0.3544 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
225, 200) }
```

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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