

Converting Colors

$Yxy(83.3875, 0.3539, 0.3563)$

Have a look what the booklet for
Yxy(83.3875, 0.3539, 0.3563)
contains.

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Color

Yxy(82.1179, 0.3490, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6CA
RGB	255, 230, 202
RGB Percent	100%, 90%, 79%
CMY	0.0000, 0.0981, 0.2078
CMYK	0.00, 0.10, 0.21, 0.00
HSL	32°, 100%, 90%
HSV	32°, 21%, 100%
XYZ	80.2103, 82.1179, 67.5008
YIQ	234.2830, 23.8880, -3.4080

Conversions

Conversions Part 2

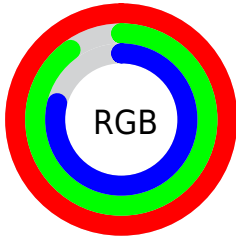
Format	Color
R _Y B	249, 255, 202
Decimal	16770762
CIE Lab	92.63, 4.28, 16.75
CIE LCh	93, 17.291, 75.671
Yxy	82.1179, 0.3490, 0.3573
Android (android.graphics.Color)	4294960842 (0xFFFFE6CA)
YUV	234.2830, -15.9155, 18.1688
Hunter-Lab	90.6189, -0.5859, 19.2690

Details

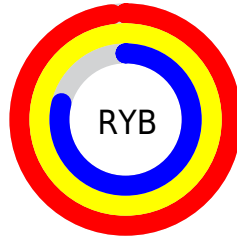
The Yxy color **82.1179, 0.3490, 0.3573** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.7222, 0.2796, 0.2989**, and the grayscale version is **82.6091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8038, 0.3571, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **74.5349, 0.3699, 0.3717**, and if you desaturate by 10%, it is **90.3524, 0.3303, 0.3433**.

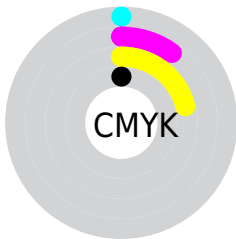
Distribution



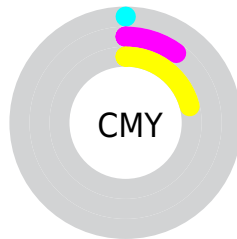
- Red (100%)
- Green (90%)
- Blue (79%)



- Red (98%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.1179, 0.3490, 0.3573 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 82.1179, 0.3490, 0.3573 by changing the saturation by 10% instead.


 82.1179, 0.3490,
0.3573

 82.1179, 0.3490,
0.3573


502.0420, 0.3325,
0.3446

 61.4627, 0.3527,
0.3601


136.3393, 0.3433,
0.3530

 44.5987, 0.3572,
0.3635


170.6744, 0.3411,
0.3513

 31.1415, 0.3629,
0.3677


210.3381, 0.3392,
0.3498

 20.7066, 0.3701,
0.3730

255.7151, 0.3375,
0.3485

 12.9097, 0.3798,
0.3800

307.1895, 0.3361,
0.3474

 7.3664, 0.3933,
0.3894

365.1459, 0.3347,

 3.6923, 0.4132,

0.3464

0.4029

429.9686, 0.3336,
0.3455

■ 1.5030, 0.4605,
0.4374

■ 0.2908, 0.5670,
0.4330

■ 82.1179, 0.3490,
0.3573

■ 82.1179, 0.3490,
0.3573

■ 74.5349, 0.3699,
0.3717

■ 90.3524, 0.3303,
0.3433

■ 67.6000, 0.3932,
0.3859

■ 99.2723, 0.3139,
0.3300

■ 61.2879, 0.4184,
0.3992

■ 100.0000, 0.3127,
0.3290

■ 55.5769, 0.4448,
0.4104

■ 50.4439, 0.4713,
0.4183

■ 45.8633, 0.4964,
0.4217

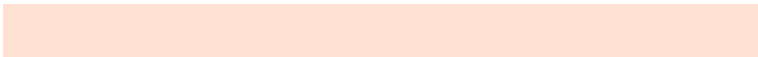
■ 41.8061, 0.5183,
0.4196

■ 38.4941, 0.5352,
0.4132

Harmonies

Analogous

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



82.1179, 0.3522, 0.3433



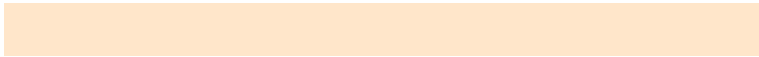
82.1179, 0.3490, 0.3573



82.1179, 0.3359, 0.3642

Triad

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



82.1179, 0.3490, 0.3573



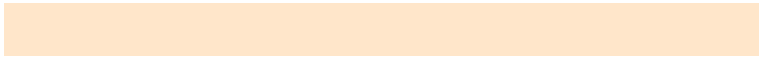
82.1179, 0.2819, 0.3306



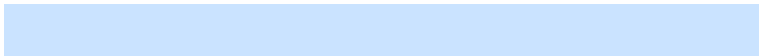
82.1179, 0.3076, 0.2993

Complementary

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



82.1179, 0.3490, 0.3573



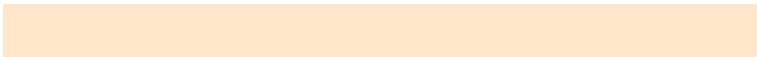
74.7222, 0.2796, 0.2989

Split Complementary

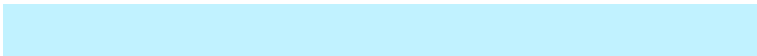
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1179, 0.2893, 0.2954



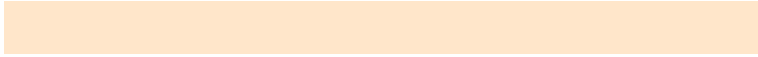
82.1179, 0.3490, 0.3573



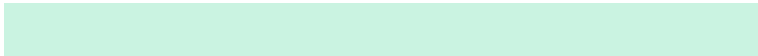
82.1179, 0.2748, 0.3127

Square

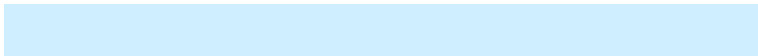
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1179, 0.3490, 0.3573



82.1179, 0.2971, 0.3487



82.1179, 0.2775, 0.3001



82.1179, 0.3279, 0.3104

Rectangle

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



82.1179, 0.3490, 0.3573



82.1179, 0.3235, 0.3634



82.1179, 0.2775, 0.3001



82.1179, 0.3010, 0.2971

Sweetspot

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



82.1127, 0.3490, 0.3573



94.5329, 0.3222, 0.3368



69.0828, 0.3350, 0.3032



20.1098, 0.3233, 0.3377



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.



82.1127, 0.3490, 0.3573



78.8375, 0.3575, 0.3633



96.8773, 0.3436, 0.3811



19.5750, 0.3281, 0.3416



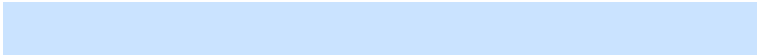
20.4157, 0.5328, 0.4151



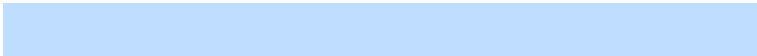
2.2067, 0.5163, 0.4282

Inverse Universe

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



74.7222, 0.2796, 0.2989



70.2184, 0.2726, 0.2920



62.1431, 0.2783, 0.2712



18.7914, 0.2979, 0.3161



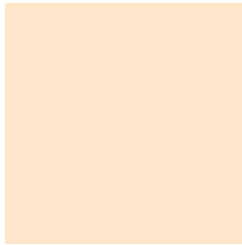
11.1276, 0.1745, 0.1481



1.3001, 0.1804, 0.1694

Previews

White Background



This preview shows how the Yxy color 82.1179, 0.3490, 0.3573 looks on a white background.

Color Contrast Check

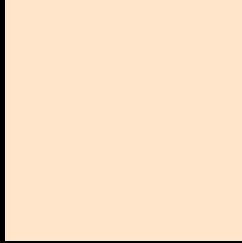
Large Text (above 18pt) WCAG AA × Fail

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 82.1179, 0.3490, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

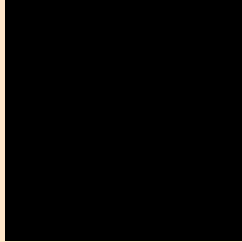
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.1179, 0.3490, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 82.1179, 0.3490, 0.3573.



This preview shows how white text looks on a background with the Yxy color 82.1179, 0.3490, 0.3573.

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

82.1179, 0.3490, 0.3573

Protanopia

82.0499, 0.3399, 0.3589

Deuteranopia

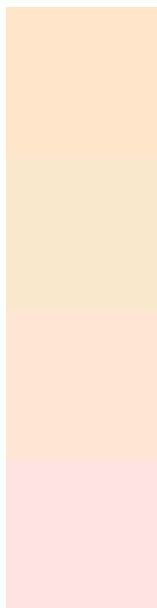
82.2565, 0.3396, 0.3421



Tritanopia

81.9440, 0.3238, 0.3153

Trichromacy



Original Color

82.1179, 0.3490, 0.3573

Protanomaly

82.1648, 0.3436, 0.3587

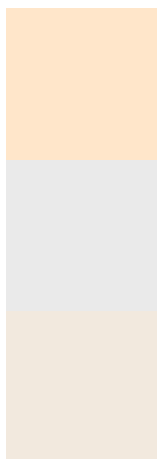
Deuteranomaly

82.0018, 0.3430, 0.3472

Tritanomaly

81.6892, 0.3331, 0.3301

Monochromacy



Original Color

82.1179, 0.3490, 0.3573

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.4290, 0.3259, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1179, 0.3490, 0.3573 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, 230, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 202)  
}
```

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, 230, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 202) }
```

Border

The CSS property to change the border of an element to Yxy 82.1179, 0.3490, 0.3573 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, 230, 202) }
```

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

```
.border{ border-color:rgb(255, 230, 202) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 230, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1179, 0.3490, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 202) }
```

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

```
.background{ background-color: rgb(255,  
230, 202) }
```

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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