

Converting Colors

Yxy(84.6118, 0.3667, 0.3693)

Have a look what the booklet for
Yxy(84.6118, 0.3667, 0.3693)
contains.

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Color

Yxy(82.1295, 0.3569, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7BE
RGB	255, 231, 190
RGB Percent	100%, 91%, 75%
CMY	0.0002, 0.0940, 0.2550
CMYK	0.00, 0.09, 0.25, 0.00
HSL	38°, 100%, 87%
HSV	38°, 25%, 100%
XYZ	79.0934, 82.1295, 60.3893
YIQ	233.5020, 27.4650, -7.6630

Conversions

Conversions Part 2

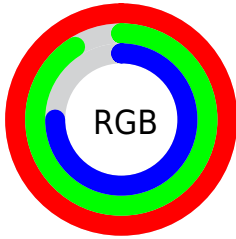
Format	Color
R _Y B	228, 255, 190
Decimal	16771006
CIE Lab	92.63, 2.05, 22.97
CIE LCh	93, 23.066, 84.891
Yxy	82.1295, 0.3569, 0.3706
Android (android.graphics.Color)	4294961086 (0xFFFFE7BE)
YUV	233.5020, -21.4465, 18.8537
Hunter-Lab	90.6253, -2.8081, 23.9291

Details

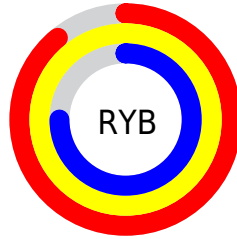
The Yxy color **82.1295, 0.3569, 0.3706** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.2056, 0.2711, 0.2835**, and the grayscale version is **82.0299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **44.8340, 0.3673, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **75.9989, 0.3773, 0.3875**, and if you desaturate by 10%, it is **88.7444, 0.3382, 0.3538**.

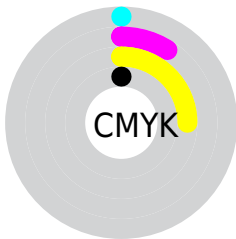
Distribution



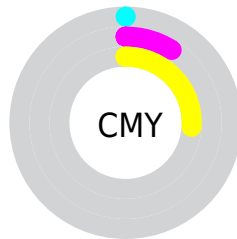
- Red (100%)
- Green (91%)
- Blue (75%)



- Red (89%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1295, 0.3569, 0.3706 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 82.1295, 0.3569, 0.3706 by changing the saturation by 10% instead.

 82.1295, 0.3569,
0.3706

 82.1295, 0.3569,
0.3706

502.0808, 0.3369,
0.3519

 61.4723, 0.3613,
0.3747


 136.3556, 0.3501,
0.3642

 44.6064, 0.3667,
0.3797


170.6933, 0.3474,
0.3617

 31.1475, 0.3735,
0.3859


210.3599, 0.3451,
0.3596

 20.7112, 0.3820,
0.3937

255.7398, 0.3430,
0.3577

 12.9131, 0.3933,
0.4038

307.2175, 0.3412,
0.3560

 7.3687, 0.4086,
0.4175

365.1772, 0.3396,

 3.6937, 0.4302,

0.3545

0.4363

430.0035, 0.3382,
0.3531

■ 1.5038, 0.4997,
0.5003

■ 0.2914, 0.5289,
0.4711

■ 82.1295, 0.3569,
0.3706

■ 82.1295, 0.3569,
0.3706

■ 75.9989, 0.3773,
0.3875

■ 88.7444, 0.3382,
0.3538

■ 70.3268, 0.3990,
0.4038

■ 95.8461, 0.3212,
0.3375

■ 65.1015, 0.4215,
0.4186

99.9895, 0.3127,
0.3290

■ 60.3061, 0.4438,
0.4306

■ 55.9220, 0.4649,
0.4386

■ 51.9283, 0.4835,
0.4418

■ 48.2999, 0.4988,
0.4396

■ 46.7653, 0.5048,
0.4374

Harmonies

Analogous

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



82.1295, 0.3658, 0.3539



82.1295, 0.3569, 0.3706



82.1295, 0.3361, 0.3765

Triad

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



82.1295, 0.3569, 0.3706



82.1295, 0.2677, 0.3230



82.1295, 0.3141, 0.2935

Complementary

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



82.1295, 0.3569, 0.3706



66.2056, 0.2711, 0.2835

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.



82.1295, 0.2882, 0.2852



82.1295, 0.3569, 0.3706



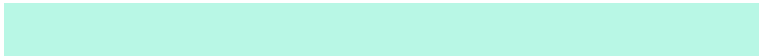
82.1295, 0.2623, 0.3008

Square

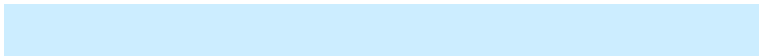
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1295, 0.3569, 0.3706



82.1295, 0.2847, 0.3483



82.1295, 0.2696, 0.2875



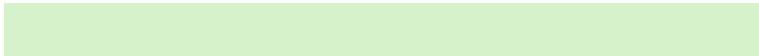
82.1295, 0.3405, 0.3103

Rectangle

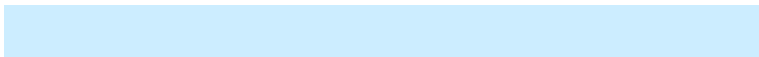
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1295, 0.3569, 0.3706



82.1295, 0.3186, 0.3728



82.1295, 0.2696, 0.2875



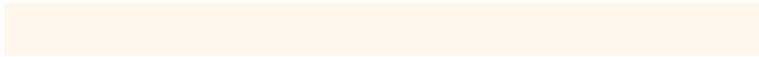
82.1295, 0.3050, 0.2896

Sweetspot

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



82.1332, 0.3569, 0.3706



94.0559, 0.3253, 0.3416



62.9703, 0.3465, 0.3036



19.9003, 0.3278, 0.3440



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

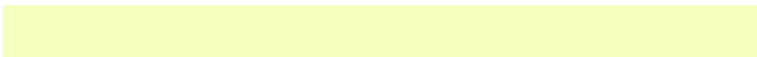
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1332, 0.3569, 0.3706



78.7277, 0.3680, 0.3800



95.0424, 0.3463, 0.3940



19.9003, 0.3278, 0.3440



24.7428, 0.5030, 0.4388



2.6180, 0.4909, 0.4484

Inverse Universe

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



66.2056, 0.2711, 0.2835



60.1337, 0.2614, 0.2720



55.9833, 0.2737, 0.2570



18.4730, 0.2979, 0.3136



8.2054, 0.1658, 0.1168



0.9991, 0.1720, 0.1393

Previews

White Background



This preview shows how the Yxy color 82.1295, 0.3569, 0.3706 looks on a white background.

Color Contrast Check

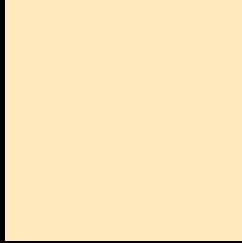
Large Text (above 18pt) WCAG AA × Fail

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 82.1295, 0.3569, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

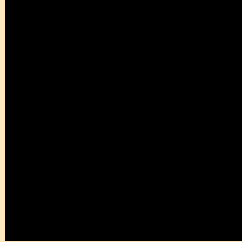
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.1295, 0.3569, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 82.1295, 0.3569, 0.3706.

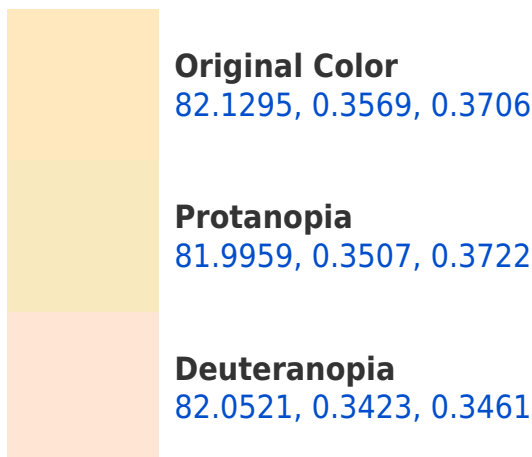


This preview shows how white text looks on a background with the Yxy color 82.1295, 0.3569, 0.3706.

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

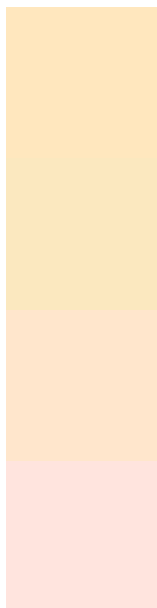




Tritanopia

81.9440, 0.3238, 0.3153

Trichromacy



Original Color

82.1295, 0.3569, 0.3706

Protanomaly

81.9840, 0.3531, 0.3709

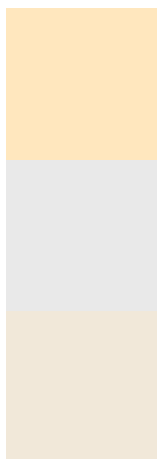
Deuteranomaly

82.2133, 0.3476, 0.3553

Tritanomaly

82.0207, 0.3357, 0.3351

Monochromacy



Original Color

82.1295, 0.3569, 0.3706

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.4238, 0.3286, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1295, 0.3569, 0.3706 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, 231, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 190)  
}
```

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, 231, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 190) }
```

Border

The CSS property to change the border of an element to Yxy 82.1295, 0.3569, 0.3706 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, 231, 190) }
```

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

```
.border{ border-color:rgb(255, 231, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1295, 0.3569, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 190) }
```

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

```
.background{ background-color: rgb(255,  
231, 190) }
```

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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