

Converting Colors

$Yxy(89.9337, 0.3506, 0.3777)$

Have a look what the booklet for
Yxy(89.9337, 0.3506, 0.3777)
contains.

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Color

Yxy(89.9015, 0.3507, 0.3779)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4C3
RGB	255, 244, 195
RGB Percent	100%, 96%, 76%
CMY	0.0001, 0.0431, 0.2354
CMYK	0.00, 0.04, 0.24, 0.00
HSL	49°, 100%, 88%
HSV	49°, 24%, 100%
XYZ	83.4307, 89.9015, 64.5654
YIQ	241.7030, 22.2850, -12.9070

Conversions

Conversions Part 2

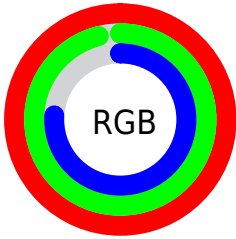
Format	Color
R_{YB}	208, 255, 195
Decimal	16774339
CIE _{Lab}	95.96, -3.83, 25.00
CIE _{LCh}	96, 25.293, 98.708
Yxy	89.9015, 0.3507, 0.3779
Android (android.graphics.Color)	4294964419 (0xFFFFF4C3)
YUV	241.7030, -23.0246, 11.6615
Hunter-Lab	94.8164, -8.8633, 25.9978

Details

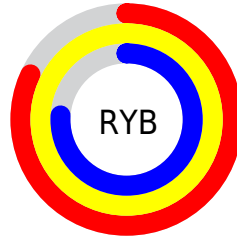
The Yxy color **89.9015, 0.3507, 0.3779** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.9228, 0.2734, 0.2748**, and the grayscale version is **88.7165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **49.8953, 0.3589, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **86.0824, 0.3682, 0.3991**, and if you desaturate by 10%, it is **93.9964, 0.3339, 0.3567**.

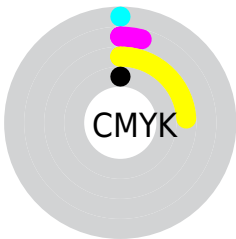
Distribution



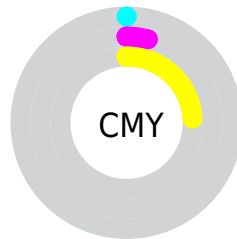
- Red (100%)
- Green (96%)
- Blue (76%)



- Red (82%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9015, 0.3507, 0.3779 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 89.9015, 0.3507, 0.3779 by changing the saturation by 10% instead.


 89.9015, 0.3507,
0.3779

 89.9015, 0.3507,
0.3779


527.7104, 0.3340,
0.3560

 67.8990, 0.3543,
0.3827


147.2016, 0.3451,
0.3705

 49.8155, 0.3587,
0.3885


183.2679, 0.3428,
0.3675

 35.2668, 0.3640,
0.3957


224.7909, 0.3409,
0.3650

 23.8685, 0.3707,
0.4049

272.1550, 0.3391,
0.3628

 15.2361, 0.3793,
0.4168

325.7446, 0.3376,
0.3608

 8.9853, 0.3906,
0.4328


385.9441, 0.3363,


 4.7316, 0.4058,


0.3590


0.4553


453.1379, 0.3351,
0.3575

 2.0906, 0.4462,
0.5109


 0.6594, 0.4471,
0.5529


 89.9015, 0.3507,
0.3779


 89.9015, 0.3507,
0.3779

 86.0824, 0.3682,
0.3991


 93.9964, 0.3339,
0.3567

 82.5164, 0.3858,
0.4195

 98.3648, 0.3180,
0.3361

 79.1961, 0.4029,
0.4381

99.9950, 0.3127,
0.3290

 76.1092, 0.4189,
0.4539

■ 73.2414, 0.4328,
0.4658

■ 70.5767, 0.4441,
0.4733

■ 68.0955, 0.4524,
0.4760

■ 66.5707, 0.4565,
0.4757

Harmonies

Analogous

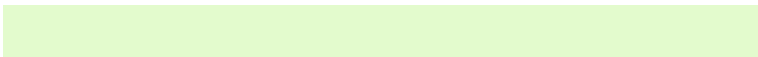
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9015, 0.3667, 0.3646



89.9015, 0.3507, 0.3779



89.9015, 0.3248, 0.3777

Triad

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



89.9015, 0.3507, 0.3779



89.9015, 0.2606, 0.3108



89.9015, 0.3275, 0.2987

Complementary

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



89.9015, 0.3507, 0.3779



62.9228, 0.2734, 0.2748

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.



89.9015, 0.2987, 0.2853



89.9015, 0.3507, 0.3779



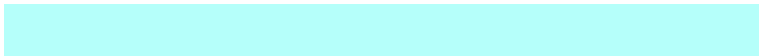
89.9015, 0.2612, 0.2911

Square

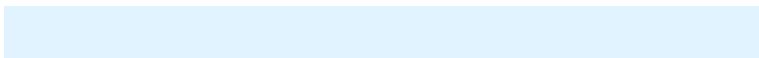
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.9015, 0.3507, 0.3779



89.9015, 0.2733, 0.3372



89.9015, 0.2748, 0.2823



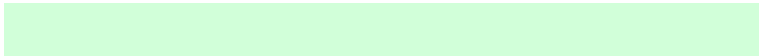
89.9015, 0.3532, 0.3194

Rectangle

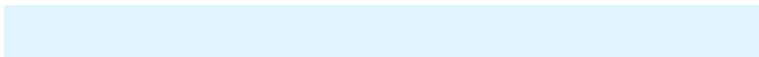
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.9015, 0.3507, 0.3779



89.9015, 0.3057, 0.3690



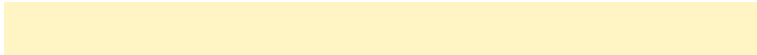
89.9015, 0.2748, 0.2823



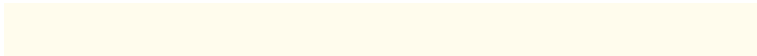
89.9015, 0.3178, 0.2932

Sweetspot

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



89.9055, 0.3507, 0.3779



96.8413, 0.3234, 0.3431



64.7260, 0.3529, 0.3178



20.6711, 0.3244, 0.3444



0.0000, 0.0000, 0.0000



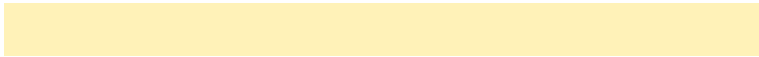
21.4041, 0.3127, 0.3290

Same Dimension

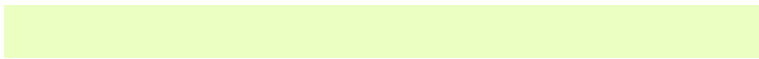
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9055, 0.3507, 0.3779



88.1862, 0.3584, 0.3874



93.2701, 0.3357, 0.3905



20.4934, 0.3274, 0.3483



34.9964, 0.4558, 0.4763



3.5474, 0.4509, 0.4802

Inverse Universe

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



62.9228, 0.2734, 0.2748



57.1289, 0.2651, 0.2629



60.5262, 0.2855, 0.2647



17.9141, 0.2979, 0.3090



4.9700, 0.1546, 0.0766



0.6216, 0.1597, 0.0950

Previews

White Background



This preview shows how the Yxy color 89.9015, 0.3507, 0.3779 looks on a white background.

Color Contrast Check

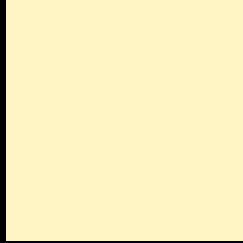
Large Text (above 18pt) WCAG AA × Fail

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 89.9015, 0.3507, 0.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

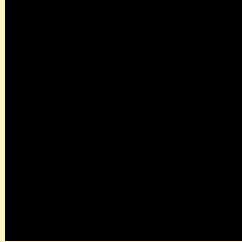
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.9015, 0.3507, 0.3779

Background



This preview shows how black text looks on a background with the Yxy color 89.9015, 0.3507, 0.3779.



This preview shows how white text looks on a background with the Yxy color 89.9015, 0.3507, 0.3779.

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

89.9015, 0.3507, 0.3779

Protanopia

89.8662, 0.3432, 0.3648

Deuteranopia

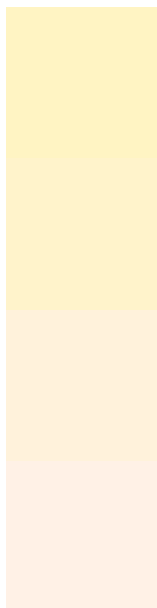
89.9968, 0.3276, 0.3379



Tritanopia

89.8951, 0.3165, 0.3184

Trichromacy



Original Color

89.9015, 0.3507, 0.3779

Protanomaly

89.6730, 0.3458, 0.3688

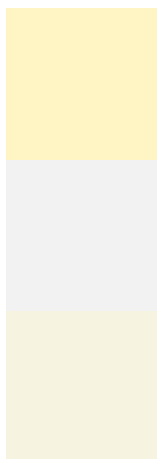
Deuteranomaly

89.8787, 0.3357, 0.3518

Tritanomaly

89.8838, 0.3289, 0.3398

Monochromacy



Original Color

89.9015, 0.3507, 0.3779

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.3116, 0.3264, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9015, 0.3507, 0.3779 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, 244, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 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, 244, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 195) }
```

Border

The CSS property to change the border of an element to Yxy 89.9015, 0.3507, 0.3779 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, 244, 195) }
```

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

```
.border{ border-color:rgb(255, 244, 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, 244, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9015, 0.3507, 0.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 195) }
```

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

```
.background{ background-color: rgb(255,  
244, 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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