

Converting Colors

$Yxy(95.8307, 0.3494, 0.3880)$

Have a look what the booklet for
Yxy(95.8307, 0.3494, 0.3880)
contains.

Yxy(96.0387, 0.3492, 0.3881)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(96.0387, 0.3492, 0.3881)

Conversions

Conversions Part 1

Format	Color
Hex	FFFE ^{C2}
RGB	255, 254, 194
RGB Percent	100%, 100%, 76%
CMY	0.0001, 0.0039, 0.2393
CMYK	0.00, 0.00, 0.24, 0.00
HSL	59°, 100%, 88%
HSV	59°, 24%, 100%
XYZ	86.4126, 96.0387, 65.0074
YIQ	247.4590, 19.8560, -18.4480

Conversions

Conversions Part 2

Format	Color
R_{YB}	195, 255, 194
Decimal	16776898
CIE _{Lab}	98.45, -8.93, 28.91
CIE _{LCh}	98, 30.263, 107.167
Yxy	96.0387, 0.3492, 0.3881
Android (android.graphics.Color)	4294966978 (0xFFFFFEC2)
YUV	247.4590, -26.3553, 6.6135
Hunter-Lab	97.9993, -14.1035, 29.2698

Details

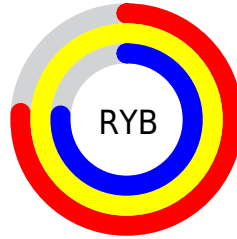
The Yxy color **96.0387, 0.3492, 0.3881** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.6921, 0.2717, 0.2622**, and the grayscale version is **93.6112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **53.8317, 0.3568, 0.4003** is the 20% darker color. If you saturate the color by 10%, you get **94.7369, 0.3645, 0.4127**, and if you desaturate by 10%, it is **97.5462, 0.3337, 0.3631**.

Distribution



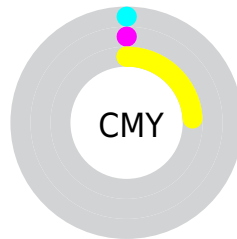
- Red (100%)
- Green (100%)
- Blue (76%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.0387, 0.3492, 0.3881 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 96.0387, 0.3492, 0.3881 by changing the saturation by 10% instead.

 96.0387, 0.3492,
0.3881

 96.0387, 0.3492,
0.3881


547.4849, 0.3335,
0.3618

 72.9998, 0.3525,
0.3938

155.6988, 0.3440,
0.3792

 53.9758, 0.3564,
0.4008

193.0888, 0.3419,
0.3756

 38.5823, 0.3612,
0.4094


236.0313, 0.3401,
0.3726

 26.4349, 0.3670,
0.4202

284.9107, 0.3384,
0.3699

 17.1493, 0.3742,
0.4343

340.1114, 0.3370,
0.3675

 10.3410, 0.3834,
0.4531

402.0177, 0.3357,

 5.6256, 0.3947,

0.3654

0.4793

471.0141, 0.3346,
0.3635

■ 2.6188, 0.4228,
0.5358

■ 0.9361, 0.4175,
0.5825

■ 96.0387, 0.3492,
0.3881

■ 96.0387, 0.3492,
0.3881

■ 94.7369, 0.3645,
0.4127

■ 97.5462, 0.3337,
0.3631

■ 93.6179, 0.3789,
0.4359

■ 99.2558, 0.3185,
0.3384

■ 92.6751, 0.3920,
0.4568

99.9968, 0.3127,
0.3290

■ 91.8963, 0.4031,
0.4743

■ 91.2681, 0.4118,
0.4878

■ 90.7746, 0.4177,
0.4969

■ 90.3967, 0.4211,
0.5017

■ 90.2069, 0.4222,
0.5030

Harmonies

Analogous

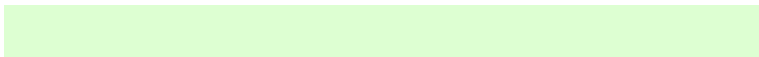
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0387, 0.3722, 0.3760



96.0387, 0.3492, 0.3881



96.0387, 0.3171, 0.3831

Triad

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



96.0387, 0.3492, 0.3881



96.0387, 0.2508, 0.2998



96.0387, 0.3392, 0.2998

Complementary

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



96.0387, 0.3492, 0.3881



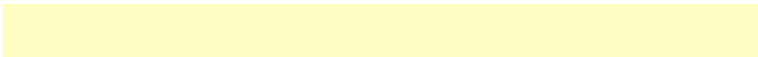
57.6921, 0.2717, 0.2622

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.



96.0387, 0.3055, 0.2816



96.0387, 0.3492, 0.3881



96.0387, 0.2558, 0.2804

Square

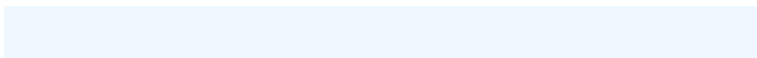
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.0387, 0.3492, 0.3881



96.0387, 0.2611, 0.3293



96.0387, 0.2753, 0.2744



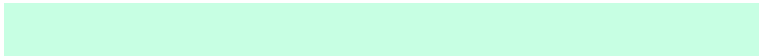
96.0387, 0.3667, 0.3252

Rectangle

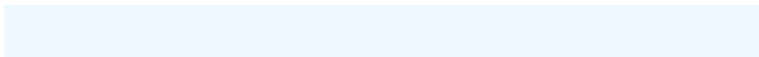
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.0387, 0.3492, 0.3881



96.0387, 0.2952, 0.3698



96.0387, 0.2753, 0.2744



96.0387, 0.3282, 0.2927

Sweetspot

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



96.0430, 0.3492, 0.3881



98.7222, 0.3232, 0.3459



63.7704, 0.3620, 0.3281



21.1081, 0.3241, 0.3474



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

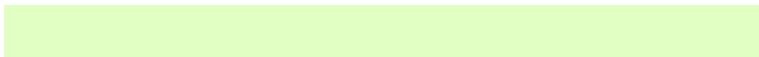
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.0430, 0.3492, 0.3881



95.3703, 0.3570, 0.4007



91.4910, 0.3294, 0.3930



21.0382, 0.3270, 0.3521



47.1646, 0.4221, 0.5030



4.6075, 0.4218, 0.5033

Inverse Universe

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



57.6921, 0.2717, 0.2622



50.5983, 0.2616, 0.2456



61.5543, 0.2923, 0.2649



17.4240, 0.2978, 0.3048



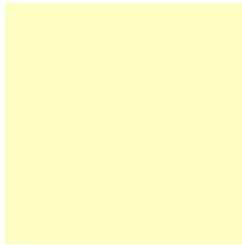
3.8386, 0.1503, 0.0609



0.3893, 0.1509, 0.0632

Previews

White Background



This preview shows how the Yxy color 96.0387, 0.3492, 0.3881 looks on a white background.

Color Contrast Check

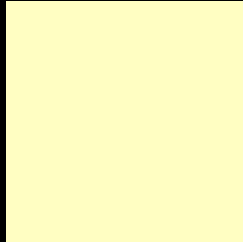
Large Text (above 18pt) WCAG AA × Fail

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 96.0387, 0.3492, 0.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

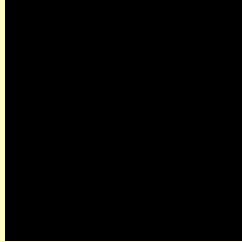
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.0387, 0.3492, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 96.0387, 0.3492, 0.3881.



This preview shows how white text looks on a background with the Yxy color 96.0387, 0.3492, 0.3881.

Color Blindness Simulation

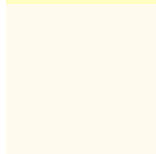
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



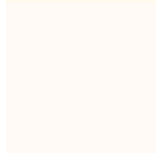
Original Color

96.0387, 0.3492, 0.3881



Protanopia

95.7456, 0.3236, 0.3416



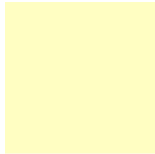
Deuteranopia

96.2850, 0.3183, 0.3329

Tritanopia

96.2314, 0.3130, 0.3233

Trichromacy



Original Color

96.0387, 0.3492, 0.3881



Protanomaly

95.4748, 0.3333, 0.3584



Deuteranomaly

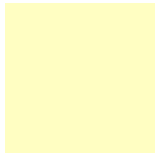
95.8004, 0.3296, 0.3524



Tritanomaly

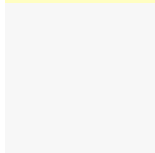
96.1376, 0.3260, 0.3465

Monochromacy



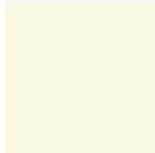
Original Color

96.0387, 0.3492, 0.3881



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.2966, 0.3258, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.0387, 0.3492, 0.3881 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, 254, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 194)  
}
```

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, 254, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 194) }
```

Border

The CSS property to change the border of an element to Yxy 96.0387, 0.3492, 0.3881 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, 254, 194) }
```

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

```
.border{ border-color:rgb(255, 254, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 96.0387, 0.3492, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 194) }
```

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

```
.background{ background-color: rgb(255,  
254, 194) }
```

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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