

Converting Colors

$Y_{xy}(100.0000, 0.3695, 0.3875)$

Have a look what the booklet for
Yxy(100.0000, 0.3695, 0.3875)
contains.

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Color

Yxy(95.2283, 0.3518, 0.3911)

Conversions

Conversions Part 1

Format	Color
Hex	FFFD8E
RGB	255, 253, 190
RGB Percent	100%, 99%, 75%
CMY	0.0000, 0.0078, 0.2548
CMYK	0.00, 0.01, 0.25, 0.00
HSL	58°, 100%, 87%
HSV	58°, 25%, 100%
XYZ	85.6592, 95.2283, 62.6009
YIQ	246.4160, 21.4150, -19.1690

Conversions

Conversions Part 2

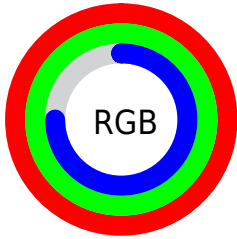
Format	Color
RYB	192, 255, 190
Decimal	16776638
CIELab	98.12, -8.95, 30.46
CIELCh	98, 31.751, 106.378
Yxy	95.2283, 0.3518, 0.3911
Android (android.graphics.Color)	4294966718 (0xFFFFFDBE)
YUV	246.4160, -27.8131, 7.5282
Hunter-Lab	97.5850, -14.0881, 30.2749

Details

The Yxy color **95.2283, 0.3518, 0.3911** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.8777, 0.2688, 0.2583**, and the grayscale version is **92.7335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **53.2632, 0.3602, 0.4041** is the 20% darker color. If you saturate the color by 10%, you get **93.7232, 0.3672, 0.4153**, and if you desaturate by 10%, it is **96.9390, 0.3362, 0.3664**.

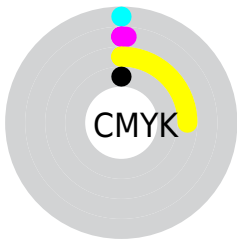
Distribution



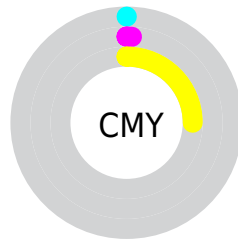
- Red (100%)
- Green (99%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.2283, 0.3518, 0.3911 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 95.2283, 0.3518, 0.3911 by changing the saturation by 10% instead.

 95.2283, 0.3518,
0.3911

 95.2283, 0.3518,
0.3911


544.8956, 0.3350,
0.3634

 72.3250, 0.3553,
0.3971


 154.5800, 0.3462,
0.3817

 53.4242, 0.3595,
0.4044


191.7971, 0.3440,
0.3780

 38.1415, 0.3646,
0.4135


234.5544, 0.3420,
0.3748

 26.0925, 0.3708,
0.4248

283.2361, 0.3403,
0.3720

 16.8929, 0.3785,
0.4395

338.2267, 0.3387,
0.3694

 10.1582, 0.3881,
0.4592

399.9105, 0.3374,

 5.5039, 0.3998,

0.3672

0.4861

468.6720, 0.3361,
0.3652

■ 2.5459, 0.4352,
0.5528

■ 0.8995, 0.4143,
0.5857

■ 95.2283, 0.3518,
0.3911

■ 95.2283, 0.3518,
0.3911

■ 93.7232, 0.3672,
0.4153

■ 96.9390, 0.3362,
0.3664


■ 92.4007, 0.3817,
0.4380

■ 98.8520, 0.3209,
0.3420


■ 91.2540, 0.3949,
0.4582


99.9978, 0.3127,
0.3290

■ 90.2709, 0.4060,
0.4751

 89.4375, 0.4147,
0.4878

 88.7376, 0.4206,
0.4960

 88.1512, 0.4239,
0.5000

 87.9100, 0.4248,
0.5009

Harmonies

Analogous

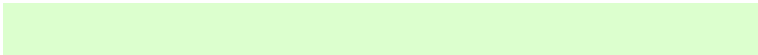
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2283, 0.3757, 0.3778



95.2283, 0.3518, 0.3911



95.2283, 0.3182, 0.3865

Triad

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



95.2283, 0.3518, 0.3911



95.2283, 0.2478, 0.2989



95.2283, 0.3397, 0.2977

Complementary

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



95.2283, 0.3518, 0.3911



55.8777, 0.2688, 0.2583

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.



95.2283, 0.3041, 0.2790



95.2283, 0.3518, 0.3911



95.2283, 0.2526, 0.2783

Square

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



95.2283, 0.3518, 0.3911



95.2283, 0.2590, 0.3302



95.2283, 0.2726, 0.2717



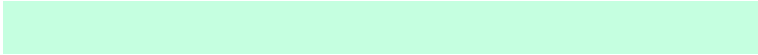
95.2283, 0.3689, 0.3241

Rectangle

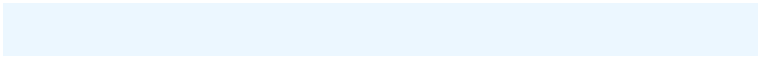
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.2283, 0.3518, 0.3911



95.2283, 0.2951, 0.3728



95.2283, 0.2726, 0.2717



95.2283, 0.3280, 0.2904

Sweetspot

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



95.2326, 0.3518, 0.3911



98.3588, 0.3247, 0.3481



61.9151, 0.3653, 0.3269



20.9901, 0.3270, 0.3518



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

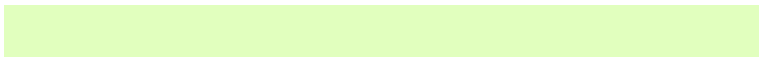
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2326, 0.3518, 0.3911



94.3844, 0.3604, 0.4046



91.1875, 0.3311, 0.3973



20.9901, 0.3270, 0.3518



45.9822, 0.4247, 0.5010



4.5058, 0.4241, 0.5015

Inverse Universe

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



55.8777, 0.2688, 0.2583



48.4286, 0.2576, 0.2402



59.3318, 0.2899, 0.2602



17.4664, 0.2978, 0.3052



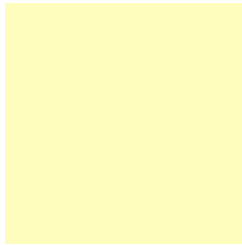
3.8992, 0.1505, 0.0618



0.4095, 0.1517, 0.0661

Previews

White Background



This preview shows how the Yxy color 95.2283, 0.3518, 0.3911 looks on a white background.

Color Contrast Check

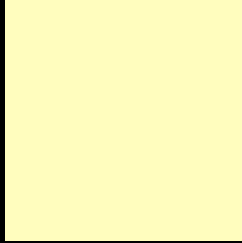
Large Text (above 18pt) WCAG AA × Fail

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 95.2283, 0.3518, 0.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

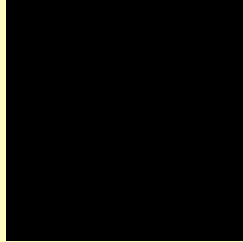
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.2283, 0.3518, 0.3911

Background



This preview shows how black text looks on a background with the Yxy color 95.2283, 0.3518, 0.3911.



This preview shows how white text looks on a background with the Yxy color 95.2283, 0.3518, 0.3911.

Color Blindness Simulation

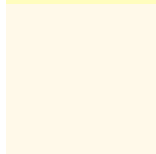
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



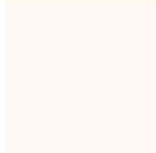
Original Color

95.2283, 0.3518, 0.3911



Protanopia

94.8946, 0.3262, 0.3446



Deuteranopia

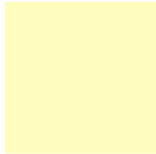
94.9265, 0.3196, 0.3329



Tritanopia

94.9373, 0.3137, 0.3223

Trichromacy



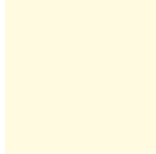
Original Color

95.2283, 0.3518, 0.3911



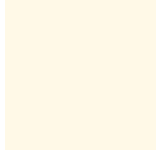
Protanomaly

94.6410, 0.3359, 0.3614



Deuteranomaly

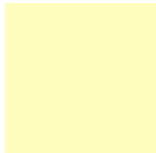
95.0130, 0.3316, 0.3544



Tritanomaly

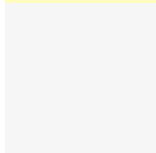
94.7809, 0.3274, 0.3466

Monochromacy



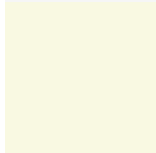
Original Color

95.2283, 0.3518, 0.3911



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.3821, 0.3265, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2283, 0.3518, 0.3911 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, 253, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 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, 253, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 190) }
```

Border

The CSS property to change the border of an element to Yxy 95.2283, 0.3518, 0.3911 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, 253, 190) }
```

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

```
.border{ border-color:rgb(255, 253, 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, 253, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2283, 0.3518, 0.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 190) }
```

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

```
.background{ background-color: rgb(255,  
253, 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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