

Converting Colors

$Y_{xy}(118.1553, 0.4187, 0.3807)$

Have a look what the booklet for
Yxy(118.1553, 0.4187, 0.3807)
contains.

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Color

Yxy(95.0557, 0.3542, 0.3951)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDBA
RGB	255, 253, 186
RGB Percent	100%, 99%, 73%
CMY	0.0002, 0.0078, 0.2705
CMYK	0.00, 0.01, 0.27, 0.00
HSL	58°, 100%, 86%
HSV	58°, 27%, 100%
XYZ	85.2157, 95.0557, 60.3150
YIQ	245.9600, 22.6990, -20.4130

Conversions

Conversions Part 2

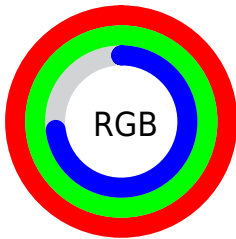
Format	Color
R _Y B	188, 255, 186
Decimal	16776634
CIE Lab	98.06, -9.49, 32.39
CIE LCh	98, 33.755, 106.329
Yxy	95.0557, 0.3542, 0.3951
Android (android.graphics.Color)	4294966714 (0xFFFFFDBA)
YUV	245.9600, -29.5603, 7.9281
Hunter-Lab	97.4965, -14.6030, 31.5685

Details

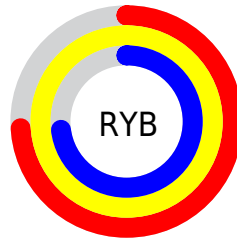
The Yxy color **95.0557, 0.3542, 0.3951** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.5990, 0.2656, 0.2531**, and the grayscale version is **92.3529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **53.1516, 0.3632, 0.4090** is the 20% darker color. If you saturate the color by 10%, you get **93.6202, 0.3695, 0.4192**, and if you desaturate by 10%, it is **96.6949, 0.3386, 0.3704**.

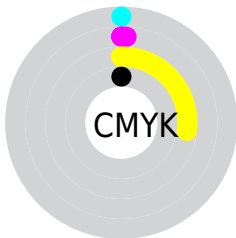
Distribution



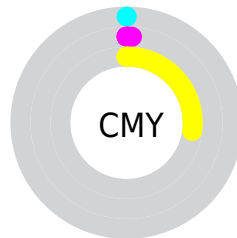
- Red (100%)
- Green (99%)
- Blue (73%)



- Red (74%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0557, 0.3542, 0.3951 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 95.0557, 0.3542, 0.3951 by changing the saturation by 10% instead.

 95.0557, 0.3542,
0.3951

 95.0557, 0.3542,
0.3951


544.3433, 0.3364,
0.3656

 72.1813, 0.3579,
0.4015


 154.3416, 0.3483,
0.3851

 53.3068, 0.3623,
0.4093


191.5218, 0.3459,
0.3812

 38.0478, 0.3676,
0.4189


234.2395, 0.3438,
0.3777

 26.0198, 0.3741,
0.4309

282.8791, 0.3420,
0.3747

 16.8384, 0.3820,
0.4464

337.8248, 0.3404,
0.3721

 10.1194, 0.3918,
0.4670

399.4612, 0.3389,

 5.4782, 0.4034,

0.3697

0.4950

468.1725, 0.3376,
0.3676

■ 2.5305, 0.4375,
0.5625

■ 0.8918, 0.4085,
0.5915

■ 95.0557, 0.3542,
0.3951

■ 95.0557, 0.3542,
0.3951

■ 93.6202, 0.3695,
0.4192

■ 96.6949, 0.3386,
0.3704

■ 92.3653, 0.3838,
0.4416

■ 98.5345, 0.3232,
0.3458

■ 91.2840, 0.3966,
0.4614

99.9909, 0.3127,
0.3290

■ 90.3639, 0.4073,
0.4776

■ 89.5908, 0.4155,
0.4897

■ 88.9480, 0.4209,
0.4972

■ 88.4143, 0.4238,
0.5007

■ 88.2679, 0.4244,
0.5012

Harmonies

Analogous

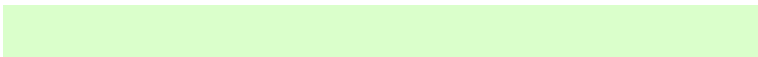
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0557, 0.3797, 0.3806



95.0557, 0.3542, 0.3951



95.0557, 0.3185, 0.3904

Triad

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



95.0557, 0.3542, 0.3951



95.0557, 0.2439, 0.2969



95.0557, 0.3413, 0.2958

Complementary

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



95.0557, 0.3542, 0.3951



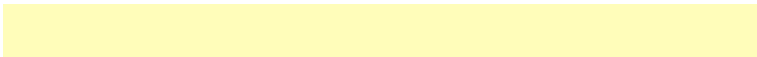
53.5990, 0.2656, 0.2531

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.



95.0557, 0.3034, 0.2760



95.0557, 0.3542, 0.3951



95.0557, 0.2490, 0.2751

Square

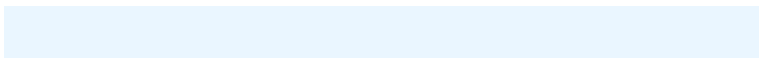
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.0557, 0.3542, 0.3951



95.0557, 0.2558, 0.3302



95.0557, 0.2701, 0.2683



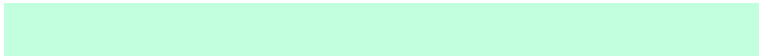
95.0557, 0.3725, 0.3237

Rectangle

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



95.0557, 0.3542, 0.3951



95.0557, 0.2939, 0.3758



95.0557, 0.2701, 0.2683



95.0557, 0.3288, 0.2881

Sweetspot

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



95.0600, 0.3542, 0.3951



98.3909, 0.3247, 0.3482



60.0172, 0.3697, 0.3268



20.9982, 0.3270, 0.3518



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

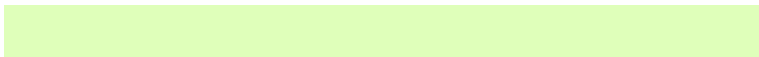
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0600, 0.3542, 0.3951



94.3624, 0.3618, 0.4072



90.6880, 0.3322, 0.4019



20.9982, 0.3270, 0.3518



46.1807, 0.4243, 0.5013



4.5229, 0.4237, 0.5018

Inverse Universe

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



53.5990, 0.2656, 0.2531



47.0778, 0.2555, 0.2367



57.2727, 0.2882, 0.2556



17.4592, 0.2978, 0.3051



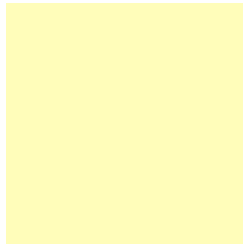
3.8889, 0.1505, 0.0617



0.4061, 0.1516, 0.0656

Previews

White Background



This preview shows how the Yxy color 95.0557, 0.3542, 0.3951 looks on a white background.

Color Contrast Check

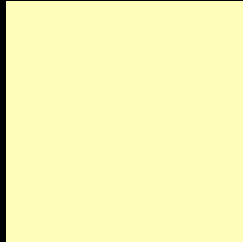
Large Text (above 18pt) WCAG AA × Fail

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 95.0557, 0.3542, 0.3951 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 95.0557, 0.3542, 0.3951

Background



This preview shows how black text looks on a background with the Yxy color 95.0557, 0.3542, 0.3951.

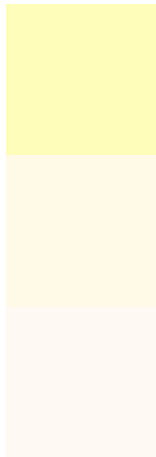


This preview shows how white text looks on a background with the Yxy color 95.0557, 0.3542, 0.3951.

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

95.0557, 0.3542, 0.3951

Protanopia

94.8376, 0.3268, 0.3456

Deuteranopia

94.8659, 0.3202, 0.3338

Tritanopia

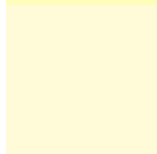
94.9373, 0.3137, 0.3223

Trichromacy



Original Color

95.0557, 0.3542, 0.3951



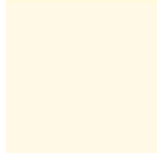
Protanomaly

94.5375, 0.3371, 0.3634



Deuteranomaly

94.9051, 0.3328, 0.3564



Tritanomaly

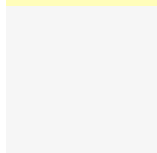
94.6685, 0.3286, 0.3485

Monochromacy



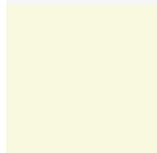
Original Color

95.0557, 0.3542, 0.3951



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.2729, 0.3277, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0557, 0.3542, 0.3951 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 186) }
```

Border

The CSS property to change the border of an element to Yxy 95.0557, 0.3542, 0.3951 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, 186) }
```

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

```
.border{ border-color:rgb(255, 253, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0557, 0.3542, 0.3951 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
253, 186) }
```

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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