

Converting Colors

$Y_{xy}(100.0000, 0.3465, 0.3511)$

Have a look what the booklet for
Yxy(100.0000, 0.3465, 0.3511)
contains.

Yxy(95.1222, 0.3303, 0.3525)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(95.1222, 0.3303, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAE2
RGB	255, 250, 226
RGB Percent	100%, 98%, 89%
CMY	0.0003, 0.0195, 0.1138
CMYK	0.00, 0.02, 0.11, 0.00
HSL	50°, 100%, 94%
HSV	50°, 11%, 100%
XYZ	89.1315, 95.1222, 85.5965
YIQ	248.7590, 10.6840, -6.4040

Conversions

Conversions Part 2

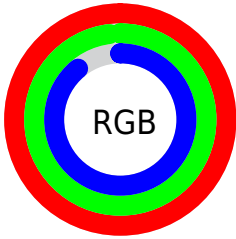
Format	Color
R _Y B	232, 255, 226
Decimal	16775906
CIE Lab	98.08, -2.33, 12.11
CIE LCh	98, 12.331, 100.893
Yxy	95.1222, 0.3303, 0.3525
Android (android.graphics.Color)	4294965986 (0xFFFFFAE2)
YUV	248.7590, -11.2202, 5.4734
Hunter-Lab	97.5306, -7.5505, 16.2363

Details

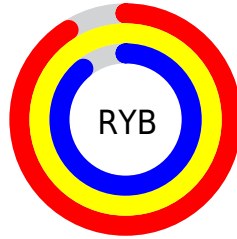
The Yxy color 95.1222, 0.3303, 0.3525 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.4653, 0.2948, 0.3044, and the grayscale version is 94.6049, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5296, 0.3336, 0.3576 is the 20% darker color. If you saturate the color by 10%, you get 91.1770, 0.3468, 0.3739, and if you desaturate by 10%, it is 99.3452, 0.3147, 0.3317.

Distribution



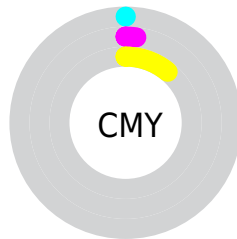
- Red (100%)
- Green (98%)
- Blue (89%)



- Red (91%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.1222, 0.3303, 0.3525 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 95.1222, 0.3303, 0.3525 by changing the saturation by 10% instead.


 95.1222, 0.3303,
0.3525

 95.1222, 0.3303,
0.3525


544.5561, 0.3226,
0.3421

 72.2367, 0.3320,
0.3548


154.4334, 0.3277,
0.3490

 53.3520, 0.3340,
0.3575

191.6279, 0.3267,
0.3476

 38.0839, 0.3365,
0.3610


234.3609, 0.3258,
0.3464

 26.0478, 0.3397,
0.3653

283.0166, 0.3250,
0.3453

 16.8594, 0.3438,
0.3710

337.9797, 0.3243,
0.3444

 10.1343, 0.3494,
0.3788

399.6343, 0.3236,

 5.4881, 0.3574,

0.3435

0.3902

468.3650, 0.3231,
0.3428

■ 2.5364, 0.3697,
0.4080

■ 0.8948, 0.4370,
0.4927

■ 95.1222, 0.3303,
0.3525

■ 95.1222, 0.3303,
0.3525

■ 91.1770, 0.3468,
0.3739

■ 99.3452, 0.3147,
0.3317

■ 87.4875, 0.3640,
0.3955

99.9871, 0.3127,
0.3290

■ 84.0477, 0.3814,
0.4164

■ 80.8465, 0.3984,
0.4357

■ 77.8718, 0.4143,
0.4524

■ 75.1100, 0.4282,
0.4654

■ 72.5456, 0.4397,
0.4741

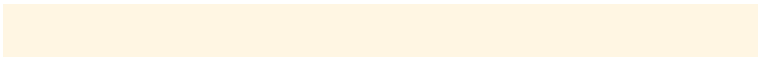
■ 70.1600, 0.4482,
0.4780

■ 68.2179, 0.4535,
0.4781

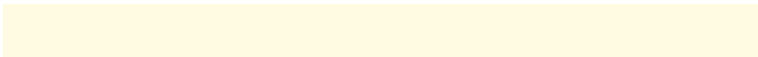
Harmonies

Analogous

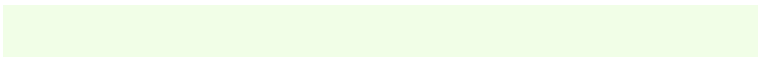
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1222, 0.3381, 0.3471



95.1222, 0.3303, 0.3525



95.1222, 0.3178, 0.3514

Triad

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



95.1222, 0.3303, 0.3525



95.1222, 0.2871, 0.3199



95.1222, 0.3210, 0.3148

Complementary

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



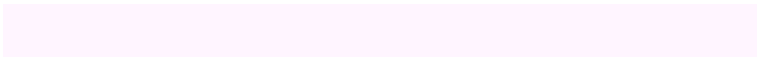
95.1222, 0.3303, 0.3525



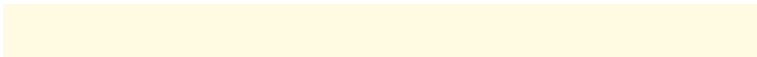
80.4653, 0.2948, 0.3044

Split Complementary

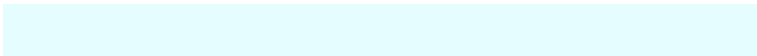
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1222, 0.3072, 0.3078



95.1222, 0.3303, 0.3525



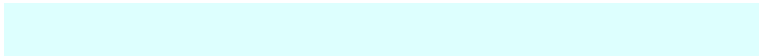
95.1222, 0.2879, 0.3104

Square

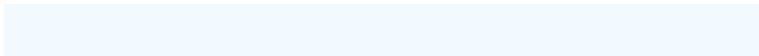
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.1222, 0.3303, 0.3525



95.1222, 0.2930, 0.3322



95.1222, 0.2951, 0.3061



95.1222, 0.3327, 0.3254

Rectangle

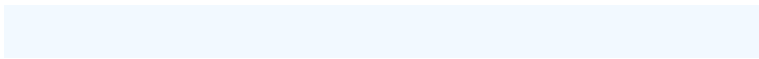
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.1222, 0.3303, 0.3525



95.1222, 0.3086, 0.3470



95.1222, 0.2951, 0.3061



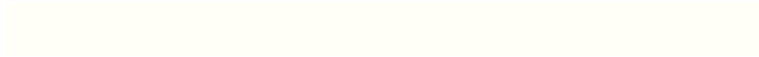
95.1222, 0.3164, 0.3119

Sweetspot

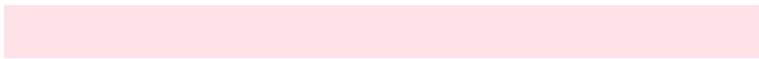
The Sweet Spot groups the original color and five complimentary colors.



95.1264, 0.3303, 0.3525



98.6934, 0.3172, 0.3351



81.4132, 0.3296, 0.3238



21.0506, 0.3184, 0.3367



0.0000, 0.0000, 0.0000



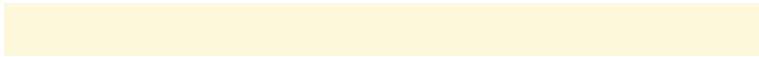
21.4041, 0.3127, 0.3290

Same Dimension

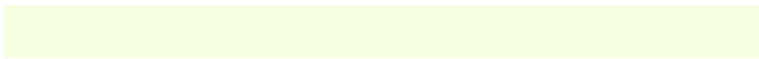
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1264, 0.3303, 0.3525



94.1141, 0.3346, 0.3581



96.5164, 0.3238, 0.3577



20.5363, 0.3273, 0.3486



35.8597, 0.4528, 0.4787



3.6238, 0.4483, 0.4822

Inverse Universe

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



80.4653, 0.2948, 0.3044



76.3636, 0.2903, 0.2981



79.2831, 0.3007, 0.2998



17.8746, 0.2979, 0.3086



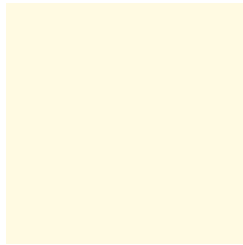
4.8263, 0.1541, 0.0747



0.6020, 0.1590, 0.0924

Previews

White Background



This preview shows how the Yxy color 95.1222, 0.3303, 0.3525 looks on a white background.

Color Contrast Check

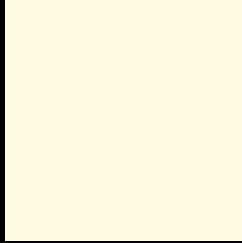
Large Text (above 18pt) WCAG AA × Fail

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 95.1222, 0.3303, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

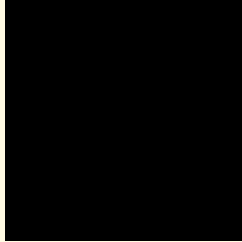
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.1222, 0.3303, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 95.1222, 0.3303, 0.3525.

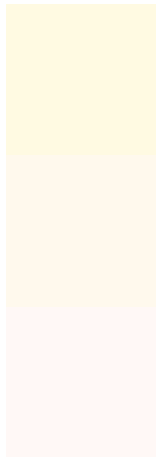


This preview shows how white text looks on a background with the Yxy color 95.1222, 0.3303, 0.3525.

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

95.1222, 0.3303, 0.3525

Protanopia

95.1258, 0.3237, 0.3407

Deuteranopia

95.0486, 0.3184, 0.3309

Tritanopia

95.4256, 0.3124, 0.3223

Trichromacy



Original Color

95.1222, 0.3303, 0.3525

Protanomaly

94.8946, 0.3262, 0.3446

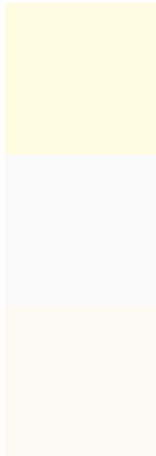
Deuteranomaly

95.2434, 0.3225, 0.3387

Tritanomaly

95.3538, 0.3189, 0.3338

Monochromacy



Original Color

95.1222, 0.3303, 0.3525

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.6115, 0.3187, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1222, 0.3303, 0.3525 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, 250, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 226)  
}
```

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, 250, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 226) }
```

Border

The CSS property to change the border of an element to Yxy 95.1222, 0.3303, 0.3525 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, 250, 226) }
```

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

```
.border{ border-color:rgb(255, 250, 226) }
```

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

Here you see how a box with a 4 pixel rgb(255, 250, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1222, 0.3303, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 226) }
```

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

```
.background{ background-color: rgb(255,  
250, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor