

Converting Colors

$Y_{xy}(100.0000, 0.3460, 0.3495)$

Have a look what the booklet for
Yxy(100.0000, 0.3460, 0.3495)
contains.

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Color

Yxy(95.2327, 0.3291, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAE4
RGB	255, 250, 228
RGB Percent	100%, 98%, 89%
CMY	0.0001, 0.0195, 0.1059
CMYK	0.00, 0.02, 0.11, 0.00
HSL	49°, 100%, 95%
HSV	49°, 11%, 100%
XYZ	89.4182, 95.2327, 87.0544
YIQ	248.9870, 10.0420, -5.7820

Conversions

Conversions Part 2

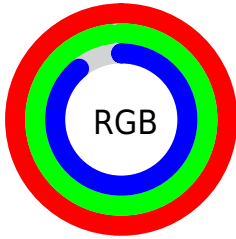
Format	Color
R _Y B	234, 255, 228
Decimal	16775908
CIE Lab	98.13, -2.00, 11.14
CIE LCh	98, 11.321, 100.158
Yxy	95.2327, 0.3291, 0.3505
Android (android.graphics.Color)	4294965988 (0xFFFFFAE4)
YUV	248.9870, -10.3466, 5.2734
Hunter-Lab	97.5872, -7.2199, 15.4204

Details

The Yxy color 95.2327, 0.3291, 0.3505 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.9496, 0.2961, 0.3065, and the grayscale version is 94.7992, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.6065, 0.3320, 0.3551 is the 20% darker color. If you saturate the color by 10%, you get 91.0525, 0.3457, 0.3716, and if you desaturate by 10%, it is 99.7022, 0.3136, 0.3302.

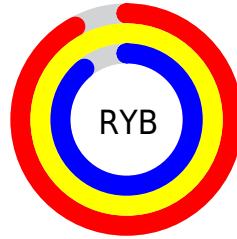
Distribution



Red (100%)

Green (98%)

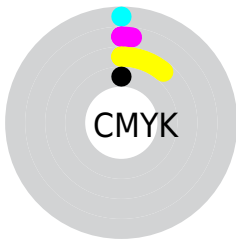
Blue (89%)



Red (92%)

Yellow (100%)

Blue (89%)

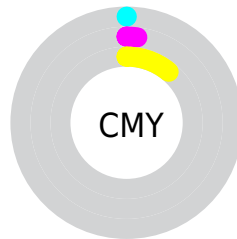


Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.2327, 0.3291, 0.3505 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 95.2327, 0.3291, 0.3505 by changing the saturation by 10% instead.

 95.2327, 0.3291,
0.3505

 95.2327, 0.3291,
0.3505

544.9097, 0.3219,
0.3410

 72.3287, 0.3307,
0.3526

154.5860, 0.3267,
0.3473

 53.4272, 0.3326,
0.3551


191.8042, 0.3257,
0.3460

 38.1439, 0.3349,
0.3582


234.5624, 0.3249,
0.3449

 26.0944, 0.3378,
0.3622

283.2452, 0.3241,
0.3439

 16.8943, 0.3417,
0.3674

338.2369, 0.3235,
0.3431

 10.1591, 0.3469,
0.3746

399.9220, 0.3229,

 5.5046, 0.3545,

0.3423

0.3849

468.6848, 0.3224,
0.3416

■ 2.5463, 0.3661,
0.4012

■ 0.8997, 0.4229,
0.4719

■ 95.2327, 0.3291,
0.3505

■ 95.2327, 0.3291,
0.3505

■ 91.0525, 0.3457,
0.3716

99.7022, 0.3136,
0.3302

■ 87.1394, 0.3630,
0.3928

99.9940, 0.3127,
0.3290

■ 83.4873, 0.3806,
0.4135

■ 80.0851, 0.3980,
0.4328

■ 76.9206, 0.4144,
0.4495

■ 73.9802, 0.4290,
0.4626

■ 71.2486, 0.4412,
0.4715

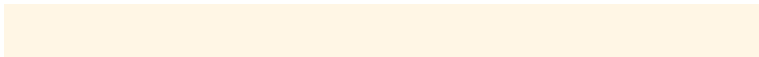
■ 68.7073, 0.4505,
0.4755

■ 66.4610, 0.4567,
0.4755

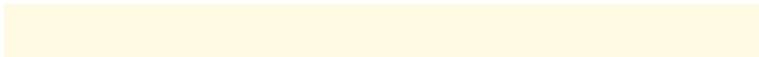
Harmonies

Analogous

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



95.2327, 0.3361, 0.3455



95.2327, 0.3291, 0.3505



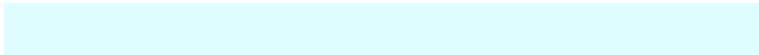
95.2327, 0.3177, 0.3496

Triad

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



95.2327, 0.3291, 0.3505



95.2327, 0.2892, 0.3209



95.2327, 0.3200, 0.3157

Complementary

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



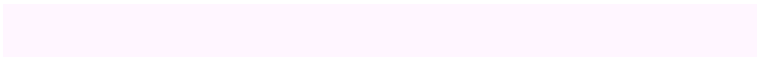
95.2327, 0.3291, 0.3505



81.9496, 0.2961, 0.3065

Split Complementary

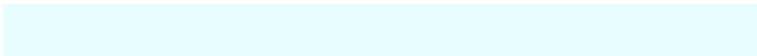
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.2327, 0.3073, 0.3094



95.2327, 0.3291, 0.3505



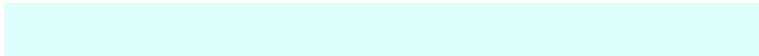
95.2327, 0.2898, 0.3121

Square

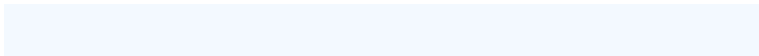
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.2327, 0.3291, 0.3505



95.2327, 0.2948, 0.3323



95.2327, 0.2963, 0.3080



95.2327, 0.3308, 0.3255

Rectangle

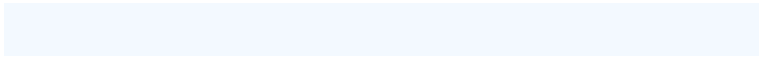
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.2327, 0.3291, 0.3505



95.2327, 0.3093, 0.3457



95.2327, 0.2963, 0.3080



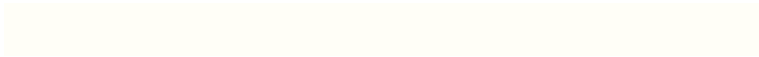
95.2327, 0.3158, 0.3131

Sweetspot

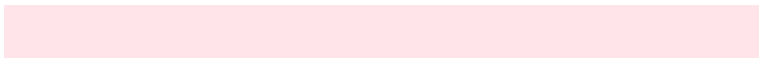
The Sweet Spot groups the original color and five complimentary colors.



95.2369, 0.3291, 0.3505



98.6249, 0.3172, 0.3350



82.6367, 0.3280, 0.3237



21.0321, 0.3185, 0.3366



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.



95.2369, 0.3291, 0.3505



94.2270, 0.3330, 0.3555



96.8513, 0.3233, 0.3556



20.4906, 0.3274, 0.3483



34.9415, 0.4560, 0.4761



3.5425, 0.4511, 0.4801

Inverse Universe

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



81.9496, 0.2961, 0.3065



78.1749, 0.2920, 0.3010



80.5421, 0.3013, 0.3018



17.9166, 0.2979, 0.3090



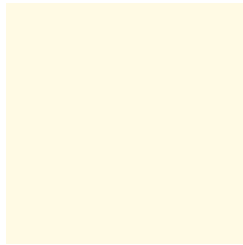
4.9796, 0.1547, 0.0767



0.6229, 0.1598, 0.0951

Previews

White Background



This preview shows how the Yxy color 95.2327, 0.3291, 0.3505 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 95.2327, 0.3291, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

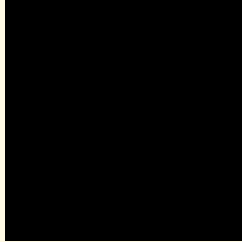
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.2327, 0.3291, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 95.2327, 0.3291, 0.3505.

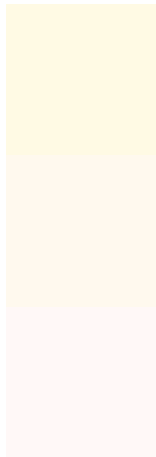


This preview shows how white text looks on a background with the Yxy color 95.2327, 0.3291, 0.3505.

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

95.2327, 0.3291, 0.3505

Protanopia

95.1844, 0.3231, 0.3397

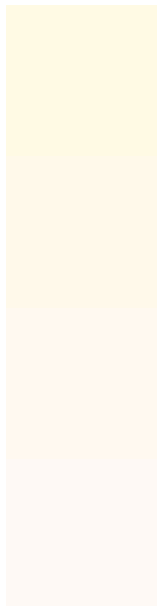
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

95.4256, 0.3124, 0.3223

Trichromacy



Original Color

95.2327, 0.3291, 0.3505

Protanomaly

94.9519, 0.3256, 0.3436

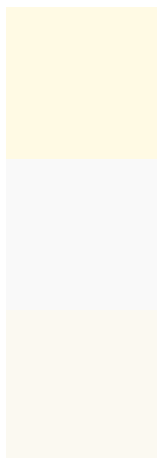
Deuteranomaly

95.3026, 0.3219, 0.3377

Tritanomaly

95.4148, 0.3183, 0.3329

Monochromacy



Original Color

95.2327, 0.3291, 0.3505

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 95.2327, 0.3291, 0.3505 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 228) }
```

Border

The CSS property to change the border of an element to Yxy 95.2327, 0.3291, 0.3505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

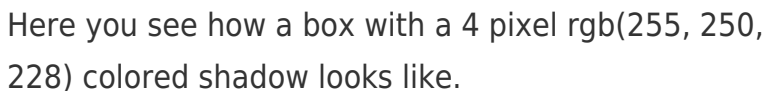
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 250, 228) }
```

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

```
.border{ border-color:rgb(255, 250, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 250, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 250, 228); box-shadow:4px 4px 4px 4px rgb(255, 250, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2327, 0.3291, 0.3505 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
250, 228) }
```

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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