

Converting Colors

$Yxy(95.8519, 0.3281, 0.3498)$

Have a look what the booklet for
Yxy(95.8519, 0.3281, 0.3498)
contains.

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Color

Yxy(95.9675, 0.3278, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBE6
RGB	255, 251, 230
RGB Percent	100%, 98%, 90%
CMY	0.0000, 0.0157, 0.0979
CMYK	0.00, 0.02, 0.10, 0.00
HSL	50°, 100%, 95%
HSV	50°, 10%, 100%
XYZ	90.0348, 95.9675, 88.6614
YIQ	249.8020, 9.1250, -5.6830

Conversions

Conversions Part 2

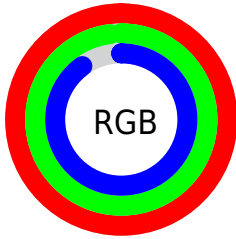
Format	Color
RYP	235, 255, 230
Decimal	16776166
CIELab	98.42, -2.13, 10.51
CIElCh	98, 10.727, 101.480
Yxy	95.9675, 0.3278, 0.3494
Android (android.graphics.Color)	4294966246 (0xFFFFFBE6)
YUV	249.8020, -9.7624, 4.5586
Hunter-Lab	97.9630, -7.3814, 14.9137

Details

The Yxy color 95.9675, 0.3278, 0.3494 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 82.9155, 0.2974, 0.3077, and the grayscale version is 95.4999, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.0920, 0.3311, 0.3550 is the 20% darker color. If you saturate the color by 10%, you get 92.1034, 0.3441, 0.3710, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

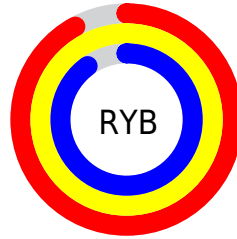
Distribution



Red (100%)

Green (98%)

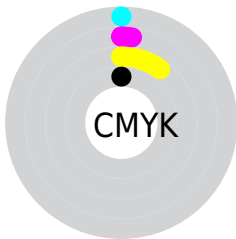
Blue (90%)



Red (92%)

Yellow (100%)

Blue (90%)

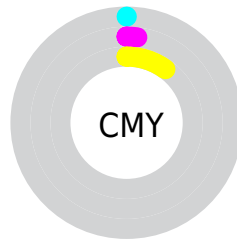


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9675, 0.3278, 0.3494 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 95.9675, 0.3278, 0.3494 by changing the saturation by 10% instead.

 95.9675, 0.3278,
0.3494

 95.9675, 0.3278,
0.3494

547.2577, 0.3212,
0.3404

 72.9405, 0.3292,
0.3514


155.6006, 0.3256,
0.3463

 53.9273, 0.3310,
0.3538

192.9754, 0.3247,
0.3451

 38.5435, 0.3331,
0.3567


235.9017, 0.3239,
0.3441

 26.4048, 0.3358,
0.3605

284.7637, 0.3232,
0.3432

 17.1267, 0.3394,
0.3654

339.9459, 0.3226,
0.3424

 10.3249, 0.3441,
0.3722

401.8327, 0.3221,

 5.6149, 0.3510,

0.3416

0.3819

470.8085, 0.3216,
0.3410

■ 2.6124, 0.3616,
0.3974

■ 0.9329, 0.4074,
0.4558

■ 95.9675, 0.3278,
0.3494

■ 95.9675, 0.3278,
0.3494

■ 92.1034, 0.3441,
0.3710

100.0000, 0.3127,
0.3290

■ 88.4989, 0.3611,
0.3928

■ 85.1398, 0.3784,
0.4140

■ 82.0152, 0.3953,
0.4338

■ 79.1133, 0.4111,
0.4510

■ 76.4208, 0.4251,
0.4648

■ 73.9225, 0.4367,
0.4743

■ 71.6007, 0.4454,
0.4791

■ 69.4268, 0.4514,
0.4797

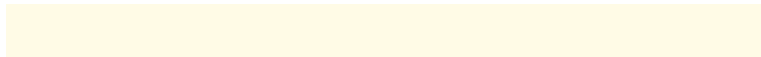
Harmonies

Analogous

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



95.9675, 0.3347, 0.3449



95.9675, 0.3278, 0.3494



95.9675, 0.3169, 0.3483

Triad

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



95.9675, 0.3278, 0.3494



95.9675, 0.2904, 0.3210



95.9675, 0.3201, 0.3168

Complementary

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



95.9675, 0.3278, 0.3494



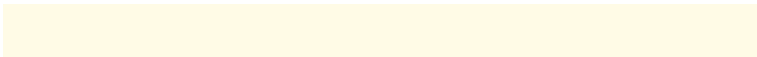
82.9155, 0.2974, 0.3077

Split Complementary

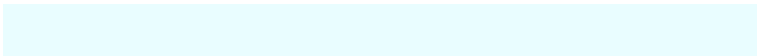
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9675, 0.3082, 0.3106



95.9675, 0.3278, 0.3494



95.9675, 0.2912, 0.3128

Square

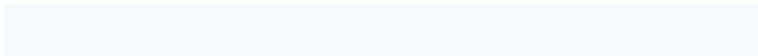
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.9675, 0.3278, 0.3494



95.9675, 0.2955, 0.3316



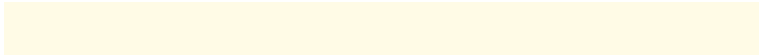
95.9675, 0.2976, 0.3091



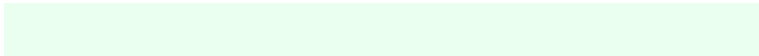
95.9675, 0.3302, 0.3261

Rectangle

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



95.9675, 0.3278, 0.3494



95.9675, 0.3090, 0.3444



95.9675, 0.2976, 0.3091



95.9675, 0.3162, 0.3143

Sweetspot

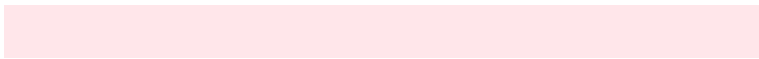
The Sweet Spot groups the original color and five complimentary colors.



95.9634, 0.3278, 0.3494



98.7359, 0.3172, 0.3352



83.8215, 0.3273, 0.3249



21.0621, 0.3184, 0.3368



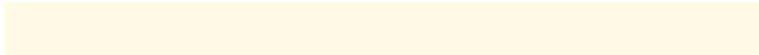
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



95.9634, 0.3278, 0.3494



95.0888, 0.3313, 0.3541



96.9502, 0.3220, 0.3536



20.5647, 0.3273, 0.3488



36.4393, 0.4509, 0.4802



3.6750, 0.4467, 0.4835

Inverse Universe

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



82.9155, 0.2974, 0.3077



79.3433, 0.2937, 0.3026



82.0683, 0.3028, 0.3040



17.8486, 0.2979, 0.3084



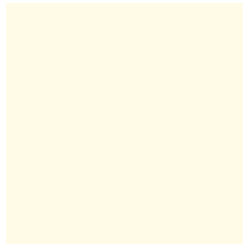
4.7373, 0.1538, 0.0735



0.5895, 0.1586, 0.0908

Previews

White Background



This preview shows how the Yxy color 95.9675, 0.3278, 0.3494 looks on a white background.

Color Contrast Check

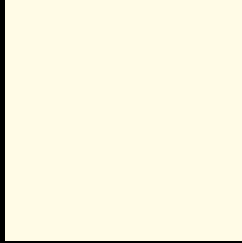
Large Text (above 18pt) WCAG AA × Fail

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 95.9675, 0.3278, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

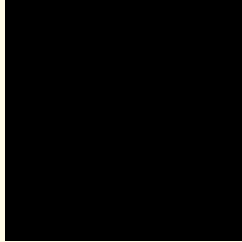
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.9675, 0.3278, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 95.9675, 0.3278, 0.3494.

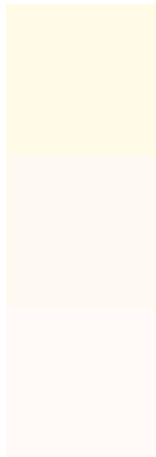


This preview shows how white text looks on a background with the Yxy color 95.9675, 0.3278, 0.3494.

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

95.9675, 0.3278, 0.3494

Protanopia

95.9821, 0.3212, 0.3377

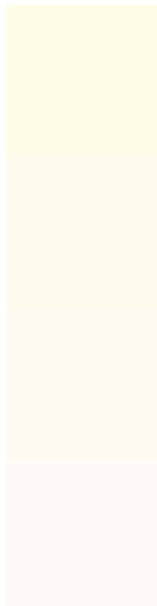
Deuteranopia

95.7887, 0.3171, 0.3300

Tritanopia

95.8540, 0.3117, 0.3233

Trichromacy



Original Color

95.9675, 0.3278, 0.3494

Protanomaly

95.7456, 0.3236, 0.3416

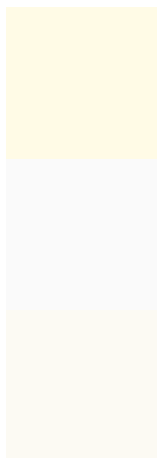
Deuteranomaly

95.9821, 0.3212, 0.3377

Tritanomaly

96.0959, 0.3176, 0.3329

Monochromacy



Original Color

95.9675, 0.3278, 0.3494

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.5377, 0.3181, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9675, 0.3278, 0.3494 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, 251, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 230)  
}
```

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, 251, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 230) }
```

Border

The CSS property to change the border of an element to Yxy 95.9675, 0.3278, 0.3494 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, 251, 230) }
```

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

```
.border{ border-color:rgb(255, 251, 230) }
```

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

Here you see how a box with a 4 pixel rgb(255, 251, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9675, 0.3278, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 230) }
```

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

```
.background{ background-color: rgb(255,  
251, 230) }
```

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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