

Converting Colors

$Yxy(97.9719, 0.3196, 0.3382)$

Have a look what the booklet for
Yxy(97.9719, 0.3196, 0.3382)
contains.

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Color

Yxy(97.9816, 0.3198, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDF3
RGB	255, 253, 243
RGB Percent	100%, 99%, 95%
CMY	0.0001, 0.0078, 0.0469
CMYK	0.00, 0.01, 0.05, 0.00
HSL	50°, 100%, 98%
HSV	50°, 5%, 100%
XYZ	92.5414, 97.9816, 98.8497
YIQ	252.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

Format	Color
R _Y B	245, 255, 243
Decimal	16776691
CIE Lab	99.21, -1.05, 4.99
CIE LCh	99, 5.096, 101.844
Yxy	97.9816, 0.3198, 0.3386
Android (android.graphics.Color)	4294966771 (0xFFFFFDF3)
YUV	252.4580, -4.6628, 2.2293
Hunter-Lab	98.9857, -6.3458, 10.0814

Details

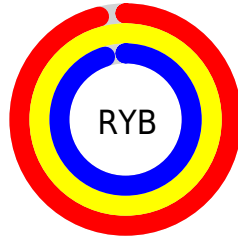
The Yxy color 97.9816, 0.3198, 0.3386 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.5856, 0.3056, 0.3192, and the grayscale version is 97.7873, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.0735, 0.3210, 0.3400 is the 20% darker color. If you saturate the color by 10%, you get 93.9196, 0.3357, 0.3597, and if you desaturate by 10%, it is 99.9970, 0.3127, 0.3290.

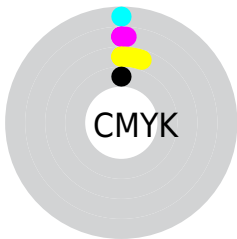
Distribution



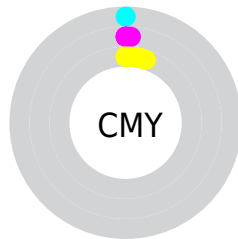
- Red (100%)
- Green (99%)
- Blue (95%)



- Red (96%)
- Yellow (100%)
- Blue (95%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.9816, 0.3198, 0.3386 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 97.9816, 0.3198, 0.3386 by changing the saturation by 10% instead.

 97.9816, 0.3198,
0.3386

 97.9816, 0.3198,
0.3386


553.6669, 0.3167,
0.3344

 74.6190, 0.3205,
0.3395

158.3774, 0.3188,
0.3372

 55.3008, 0.3213,
0.3406


196.1795, 0.3183,
0.3366

 39.6426, 0.3223,
0.3420


239.5635, 0.3180,
0.3361

 27.2600, 0.3236,
0.3437

288.9139, 0.3177,
0.3357

 17.7686, 0.3252,
0.3460

344.6151, 0.3174,
0.3353

 10.7840, 0.3275,
0.3491

407.0513, 0.3171,

 5.9218, 0.3307,

0.3350

0.3536

476.6071, 0.3169,
0.3347

■ 2.7976, 0.3357,
0.3606

■ 1.0270, 0.3464,
0.3752

■ 97.9816, 0.3198,
0.3386

■ 97.9816, 0.3198,
0.3386

■ 93.9196, 0.3357,
0.3597

99.9970, 0.3127,
0.3290

■ 90.1170, 0.3524,
0.3814

■ 86.5681, 0.3697,
0.4029

■ 83.2627, 0.3870,
0.4235

■ 80.1892, 0.4036,
0.4421

■ 77.3351, 0.4187,
0.4577

■ 74.6863, 0.4318,
0.4694

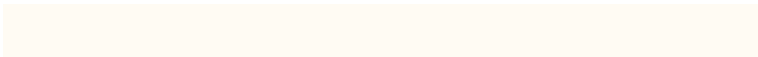
■ 72.2266, 0.4421,
0.4765

■ 69.9358, 0.4495,
0.4790

Harmonies

Analogous

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



97.9816, 0.3230, 0.3366



97.9816, 0.3198, 0.3386



97.9816, 0.3147, 0.3380

Triad

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



97.9816, 0.3198, 0.3386



97.9816, 0.3021, 0.3253



97.9816, 0.3163, 0.3232

Complementary

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



97.9816, 0.3198, 0.3386



91.5856, 0.3056, 0.3192

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.



97.9816, 0.3107, 0.3202



97.9816, 0.3198, 0.3386



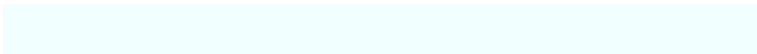
97.9816, 0.3025, 0.3214

Square

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



97.9816, 0.3198, 0.3386



97.9816, 0.3045, 0.3302



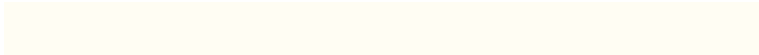
97.9816, 0.3056, 0.3195



97.9816, 0.3210, 0.3277

Rectangle

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



97.9816, 0.3198, 0.3386



97.9816, 0.3109, 0.3362



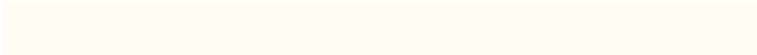
97.9816, 0.3056, 0.3195



97.9816, 0.3145, 0.3220

Sweetspot

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



97.9858, 0.3198, 0.3386



99.5683, 0.3142, 0.3310



91.9688, 0.3193, 0.3271



21.3163, 0.3141, 0.3309



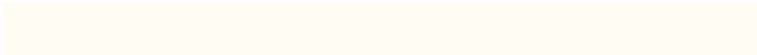
0.0000, 0.0000, 0.0000



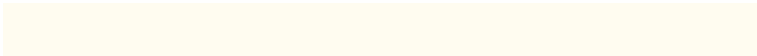
21.4041, 0.3127, 0.3290

Same Dimension

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



97.9858, 0.3198, 0.3386



97.4512, 0.3218, 0.3413



98.4917, 0.3171, 0.3406



20.8004, 0.3228, 0.3427



36.1298, 0.4519, 0.4794



3.6477, 0.4476, 0.4828

Inverse Universe

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



91.5856, 0.3056, 0.3192



89.3328, 0.3035, 0.3164



91.1136, 0.3081, 0.3174



18.8822, 0.3025, 0.3149



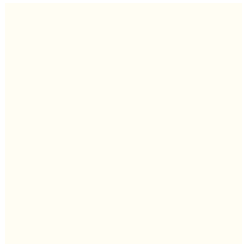
4.7841, 0.1539, 0.0741



0.5961, 0.1588, 0.0917

Previews

White Background



This preview shows how the Yxy color 97.9816, 0.3198, 0.3386 looks on a white background.

Color Contrast Check

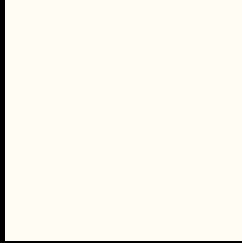
Large Text (above 18pt) WCAG AA × Fail

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 97.9816, 0.3198, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

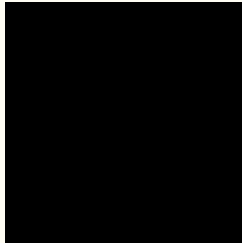
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.9816, 0.3198, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 97.9816, 0.3198, 0.3386.



This preview shows how white text looks on a background with the Yxy color 97.9816, 0.3198, 0.3386.

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

97.9816, 0.3198, 0.3386

Protanopia

97.7204, 0.3164, 0.3319

Deuteranopia

97.9091, 0.3146, 0.3290

Tritanopia

97.9116, 0.3122, 0.3261

Trichromacy

Original Color

97.9816, 0.3198, 0.3386

Protanomaly

97.5962, 0.3175, 0.3338

Deuteranomaly

97.7204, 0.3164, 0.3319

Tritanomaly

97.6567, 0.3146, 0.3300

Monochromacy

Original Color

97.9816, 0.3198, 0.3386

Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.3430, 0.3151, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.9816, 0.3198, 0.3386 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 243) }
```

Border

The CSS property to change the border of an element to Yxy 97.9816, 0.3198, 0.3386 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, 243) }
```

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

```
.border{ border-color:rgb(255, 253, 243) }
```

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, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 97.9816, 0.3198, 0.3386 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
253, 243) }
```

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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