

Converting Colors

$Y_{xy}(100.0000, 0.3292, 0.3378)$

Have a look what the booklet for
Yxy(100.0000, 0.3292, 0.3378)
contains.

| | |
|---|----|
| Yxy(97.3519, 0.3199, 0.3377) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(97.3519, 0.3199, 0.3377)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFFCF3 |
| RGB | 255, 252, 243 |
| RGB Percent | 100%, 99%, 95% |
| CMY | 0.0001, 0.0117, 0.0471 |
| CMYK | 0.00, 0.01, 0.05, 0.00 |
| HSL | 45°, 100%, 98% |
| HSV | 45°, 5%, 100% |
| XYZ | 92.2205, 97.3519, 98.7068 |
| YIQ | 251.8710, 4.6770, -2.1630 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 247, 255, 243 |
| Decimal | 16776435 |
| CIE Lab | 98.97, -0.55, 4.65 |
| CIE LCh | 99, 4.687, 96.778 |
| Yxy | 97.3519, 0.3199, 0.3377 |
| Android (android.graphics.Color) | 4294966515 (0xFFFFFCF3) |
| YUV | 251.8710, -4.3734, 2.7441 |
| Hunter-Lab | 98.6671, -5.8299, 9.7531 |

Details

The Yxy color 97.3519, 0.3199, 0.3377 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.1509, 0.3055, 0.3201, and the grayscale version is 97.2663, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.6238, 0.3211, 0.3388 is the 20% darker color. If you saturate the color by 10%, you get 92.0241, 0.3362, 0.3568, and if you desaturate by 10%, it is 99.9969, 0.3127, 0.3290.

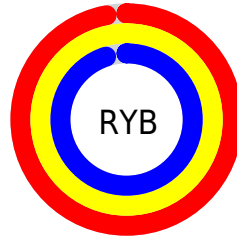
Distribution



Red (100%)

Green (99%)

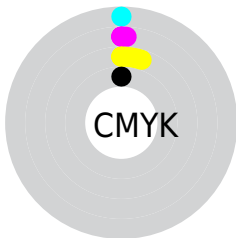
Blue (95%)



Red (97%)

Yellow (100%)

Blue (95%)

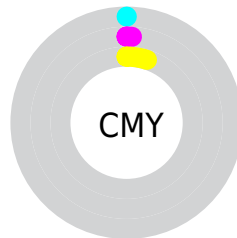


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.3519, 0.3199, 0.3377 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 97.3519, 0.3199, 0.3377 by changing the saturation by 10% instead.


 97.3519, 0.3199,
0.3377

 97.3519, 0.3199,
0.3377


551.6672, 0.3168,
0.3339

 74.0940, 0.3206,
0.3385

157.5099, 0.3188,
0.3364

 54.8710, 0.3214,
0.3395


195.1788, 0.3184,
0.3359

 39.2984, 0.3224,
0.3408

238.4201, 0.3180,
0.3355

 26.9920, 0.3237,
0.3423

287.6182, 0.3177,
0.3351

 17.5672, 0.3254,
0.3444

343.1576, 0.3174,
0.3347

 10.6397, 0.3277,
0.3472

405.4227, 0.3172,

 5.8251, 0.3310,

0.3344

0.3513

474.7978, 0.3170,
0.3341

■ 2.7390, 0.3363,
0.3577

■ 0.9971, 0.3474,
0.3713

■ 97.3519, 0.3199,
0.3377

■ 97.3519, 0.3199,
0.3377

■ 92.0241, 0.3362,
0.3568

99.9969, 0.3127,
0.3290

■ 87.0275, 0.3536,
0.3766

■ 82.3557, 0.3721,
0.3963

■ 77.9973, 0.3911,
0.4153

■ 73.9401, 0.4099,
0.4325

■ 70.1705, 0.4278,
0.4469

■ 66.6734, 0.4439,
0.4574

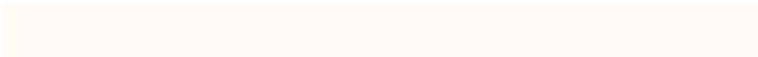
■ 63.4316, 0.4573,
0.4633

■ 60.4239, 0.4677,
0.4642

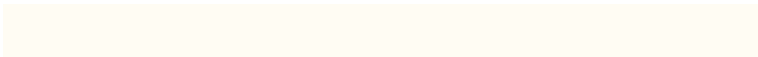
Harmonies

Analogous

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



97.3519, 0.3225, 0.3355



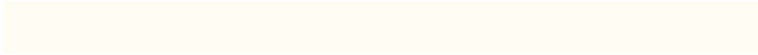
97.3519, 0.3199, 0.3377



97.3519, 0.3154, 0.3375

Triad

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



97.3519, 0.3199, 0.3377



97.3519, 0.3031, 0.3263



97.3519, 0.3152, 0.3231

Complementary

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



97.3519, 0.3199, 0.3377



92.1509, 0.3055, 0.3201

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.



97.3519, 0.3100, 0.3207



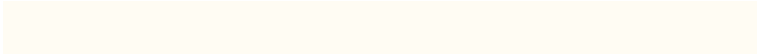
97.3519, 0.3199, 0.3377



97.3519, 0.3031, 0.3225

Square

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



97.3519, 0.3199, 0.3377



97.3519, 0.3057, 0.3309



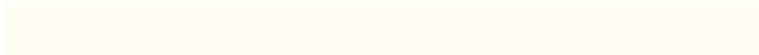
97.3519, 0.3056, 0.3204



97.3519, 0.3197, 0.3271

Rectangle

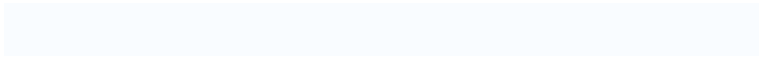
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.3519, 0.3199, 0.3377



97.3519, 0.3119, 0.3361



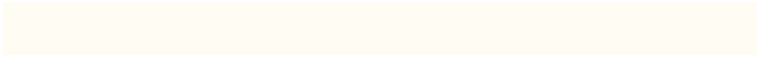
97.3519, 0.3056, 0.3204



97.3519, 0.3134, 0.3221

Sweetspot

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



97.3561, 0.3199, 0.3377



99.4350, 0.3142, 0.3308



91.9986, 0.3187, 0.3261



21.2891, 0.3141, 0.3307



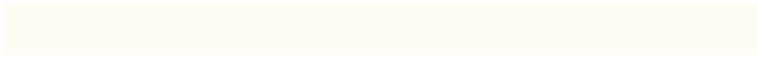
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



97.3561, 0.3199, 0.3377



96.6620, 0.3219, 0.3401



98.6715, 0.3178, 0.3406



20.6135, 0.3230, 0.3414



31.0351, 0.4712, 0.4641



3.1937, 0.4640, 0.4698

Inverse Universe

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



92.1509, 0.3055, 0.3201



90.0849, 0.3035, 0.3176



90.8973, 0.3075, 0.3173



19.0594, 0.3025, 0.3163



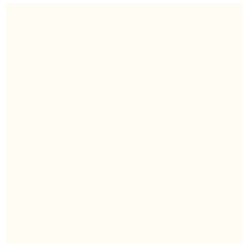
5.8310, 0.1578, 0.0879



0.7312, 0.1635, 0.1087

Previews

White Background



This preview shows how the Yxy color 97.3519, 0.3199, 0.3377 looks on a white background.

Color Contrast Check

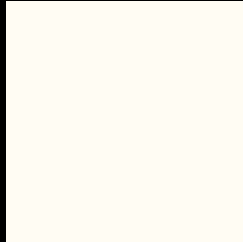
Large Text (above 18pt) WCAG AA × Fail

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 97.3519, 0.3199, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

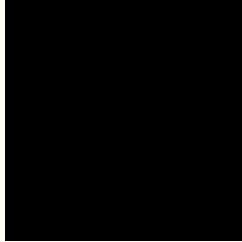
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.3519, 0.3199, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 97.3519, 0.3199, 0.3377.



This preview shows how white text looks on a background with the Yxy color 97.3519, 0.3199, 0.3377.

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

97.3519, 0.3199, 0.3377

Protanopia

97.6581, 0.3169, 0.3328

Deuteranopia

97.2194, 0.3152, 0.3290

Tritanopia

97.0970, 0.3116, 0.3252

Trichromacy

Original Color

97.3519, 0.3199, 0.3377

Protanomaly

97.5346, 0.3181, 0.3348

Deuteranomaly

97.0317, 0.3170, 0.3319

Tritanomaly

97.0302, 0.3146, 0.3290

Monochromacy

Original Color

97.3519, 0.3199, 0.3377

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 97.3519, 0.3199, 0.3377 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, 252, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 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, 252, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 243) }
```

Border

The CSS property to change the border of an element to Yxy 97.3519, 0.3199, 0.3377 is called "border". The border property can be set on classes, ids or directly on the HTML element.

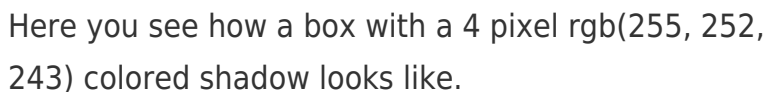
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 252, 243) }
```

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

```
.border{ border-color:rgb(255, 252, 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, 252, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 252, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 252, 243); box-shadow:4px 4px 4px 4px rgb(255, 252, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 97.3519, 0.3199, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 243) }
```

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

```
.background{ background-color: rgb(255,  
252, 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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