

Converting Colors

$Y_{xy}(108.0304, 0.3660, 0.3530)$

Have a look what the booklet for
Yxy(108.0304, 0.3660, 0.3530)
contains.

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Color

Yxy(96.3170, 0.3307, 0.3553)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFFCE1 |
| RGB | 255, 252, 225 |
| RGB Percent | 100%, 99%, 88% |
| CMY | 0.0000, 0.0118, 0.1175 |
| CMYK | 0.00, 0.01, 0.12, 0.00 |
| HSL | 54°, 100%, 94% |
| HSV | 54°, 12%, 100% |
| XYZ | 89.6483, 96.3170, 85.1211 |
| YIQ | 249.8190, 10.4550, -7.7610 |

Conversions

Conversions Part 2

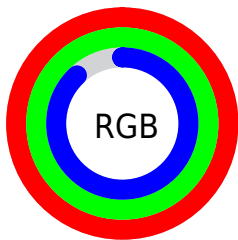
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 228, 255, 225 |
| Decimal | 16776417 |
| CIE Lab | 98.56, -3.44, 13.27 |
| CIE LCh | 99, 13.709, 104.517 |
| Yxy | 96.3170, 0.3307, 0.3553 |
| Android (android.graphics.Color) | 4294966497 (0xFFFFFCE1) |
| YUV | 249.8190, -12.2358, 4.5437 |
| Hunter-Lab | 98.1412, -8.6942, 17.2747 |

Details

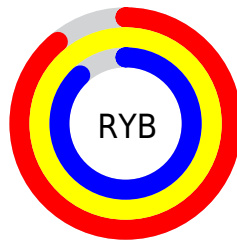
The Yxy color 96.3170, 0.3307, 0.3553 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 78.7370, 0.2941, 0.3013, and the grayscale version is 95.5390, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.9383, 0.3342, 0.3601 is the 20% darker color. If you saturate the color by 10%, you get 93.4355, 0.3467, 0.3784, and if you desaturate by 10%, it is 99.4303, 0.3153, 0.3328.

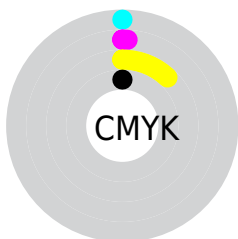
Distribution



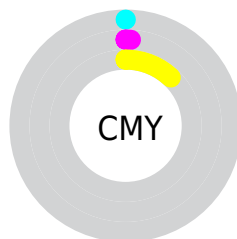
- Red (100%)
- Green (99%)
- Blue (88%)



- Red (89%)
- Yellow (100%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.3170, 0.3307, 0.3553 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 96.3170, 0.3307, 0.3553 by changing the saturation by 10% instead.


 96.3170, 0.3307,
0.3553

 96.3170, 0.3307,
0.3553


548.3727, 0.3228,
0.3437

 73.2316, 0.3324,
0.3578

156.0828, 0.3281,
0.3514

 54.1654, 0.3344,
0.3609


193.5321, 0.3270,
0.3498

 38.7339, 0.3370,
0.3648


236.5380, 0.3261,
0.3484

 26.5528, 0.3402,
0.3696

285.4851, 0.3253,
0.3472

 17.2376, 0.3443,
0.3760

340.7577, 0.3246,
0.3462

 10.4041, 0.3499,
0.3847

402.7403, 0.3239,

 5.6677, 0.3577,

0.3453

0.3973

471.8171, 0.3233,
0.3444

■ 2.6441, 0.3696,
0.4171

■ 0.9489, 0.4369,
0.5076

■ 96.3170, 0.3307,
0.3553

■ 96.3170, 0.3307,
0.3553

■ 93.4355, 0.3467,
0.3784

■ 99.4303, 0.3153,
0.3328

■ 90.7729, 0.3631,
0.4014

■ 100.0000, 0.3127,
0.3290

■ 88.3205, 0.3792,
0.4236

■ 86.0675, 0.3946,
0.4439

■ 84.0020, 0.4083,
0.4613

■ 82.1107, 0.4200,
0.4750

■ 80.3784, 0.4290,
0.4843

■ 78.7867, 0.4351,
0.4890

■ 77.5568, 0.4385,
0.4901

Harmonies

Analogous

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



96.3170, 0.3402, 0.3501



96.3170, 0.3307, 0.3553



96.3170, 0.3165, 0.3532

Triad

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



96.3170, 0.3307, 0.3553



96.3170, 0.2841, 0.3174



96.3170, 0.3236, 0.3145

Complementary

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



96.3170, 0.3307, 0.3553



78.7370, 0.2941, 0.3013

Split Complementary

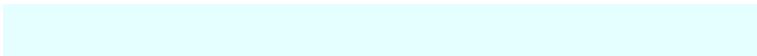
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.3170, 0.3084, 0.3062



96.3170, 0.3307, 0.3553



96.3170, 0.2858, 0.3075

Square

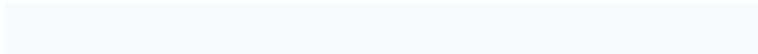
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



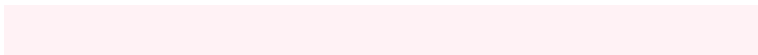
96.3170, 0.3307, 0.3553



96.3170, 0.2898, 0.3308



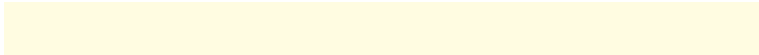
96.3170, 0.2946, 0.3036



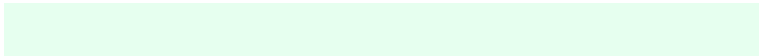
96.3170, 0.3361, 0.3266

Rectangle

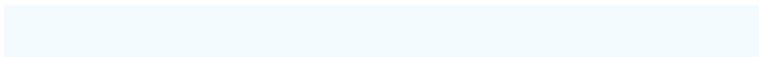
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.3170, 0.3307, 0.3553



96.3170, 0.3064, 0.3478



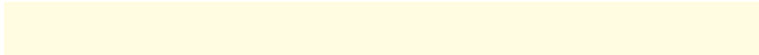
96.3170, 0.2946, 0.3036



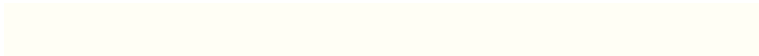
96.3170, 0.3186, 0.3112

Sweetspot

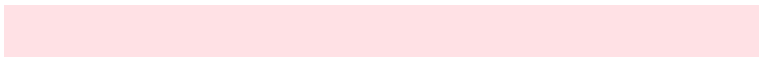
The Sweet Spot groups the original color and five complimentary colors.



96.3182, 0.3307, 0.3553



98.7104, 0.3187, 0.3378



80.7581, 0.3316, 0.3256



21.0771, 0.3198, 0.3395



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.



96.3182, 0.3307, 0.3553



95.6506, 0.3342, 0.3605



96.1038, 0.3229, 0.3588



20.7615, 0.3272, 0.3502



40.6517, 0.4381, 0.4903



4.0442, 0.4357, 0.4923

Inverse Universe

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



78.7370, 0.2941, 0.3013



75.0351, 0.2902, 0.2955



79.0091, 0.3016, 0.2988



17.6702, 0.2979, 0.3069



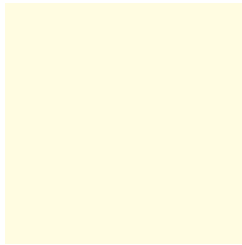
4.2435, 0.1519, 0.0667



0.5059, 0.1555, 0.0796

Previews

White Background



This preview shows how the Yxy color 96.3170, 0.3307, 0.3553 looks on a white background.

Color Contrast Check

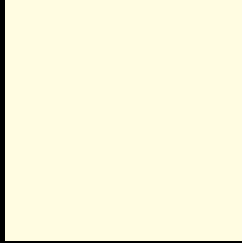
Large Text (above 18pt) WCAG AA × Fail

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 96.3170, 0.3307, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

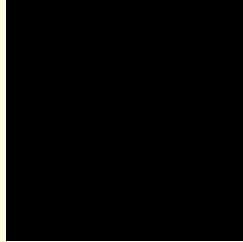
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.3170, 0.3307, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 96.3170, 0.3307, 0.3553.

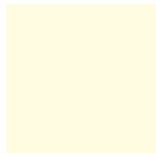


This preview shows how white text looks on a background with the Yxy color 96.3170, 0.3307, 0.3553.

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

96.3170, 0.3307, 0.3553



Protanopia

96.6052, 0.3212, 0.3387

Deuteranopia

96.4085, 0.3171, 0.3309

Tritanopia

96.6620, 0.3123, 0.3242

Trichromacy



Original Color

96.3170, 0.3307, 0.3553

Protanomaly

96.2525, 0.3248, 0.3445

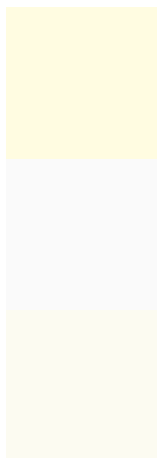
Deuteranomaly

96.5456, 0.3218, 0.3396

Tritanomaly

96.5968, 0.3187, 0.3358

Monochromacy



Original Color

96.3170, 0.3307, 0.3553

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.0407, 0.3192, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.3170, 0.3307, 0.3553 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 225) }
```

Border

The CSS property to change the border of an element to Yxy 96.3170, 0.3307, 0.3553 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, 225) }
```

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

```
.border{ border-color:rgb(255, 252, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 96.3170, 0.3307, 0.3553 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, 225) }
```

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

```
.background{ background-color: rgb(255,  
252, 225) }
```

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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