

Converting Colors

Yxy(116.0510, 0.3904, 0.3553)

Have a look what the booklet for
Yxy(116.0510, 0.3904, 0.3553)
contains.

| | |
|--|----|
| Yxy(96.0481, 0.3337, 0.3603) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(96.0481, 0.3337, 0.3603)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFFCDC |
| RGB | 255, 252, 220 |
| RGB Percent | 100%, 99%, 86% |
| CMY | 0.0002, 0.0117, 0.1372 |
| CMYK | 0.00, 0.01, 0.14, 0.00 |
| HSL | 55°, 100%, 93% |
| HSV | 55°, 14%, 100% |
| XYZ | 88.9571, 96.0481, 81.5729 |
| YIQ | 249.2490, 12.0600, -9.3160 |

Conversions

Conversions Part 2

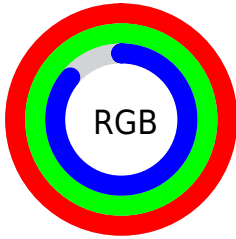
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 255, 220 |
| Decimal | 16776412 |
| CIE Lab | 98.45, -4.24, 15.68 |
| CIE LCh | 98, 16.247, 105.128 |
| Yxy | 96.0481, 0.3337, 0.3603 |
| Android (android.graphics.Color) | 4294966492 (0xFFFFFDCD) |
| YUV | 249.2490, -14.4198, 5.0436 |
| Hunter-Lab | 98.0041, -9.4850, 19.2534 |

Details

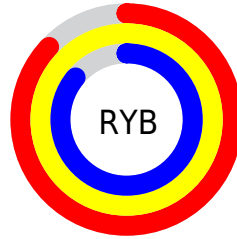
The Yxy color **96.0481, 0.3337, 0.3603** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.1852, 0.2907, 0.2956**, and the grayscale version is **95.0588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7526, 0.3381, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **93.4659, 0.3497, 0.3838**, and if you desaturate by 10%, it is **98.8600, 0.3182, 0.3373**.

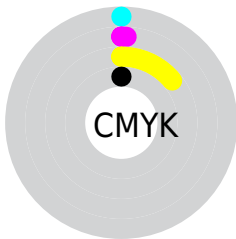
Distribution



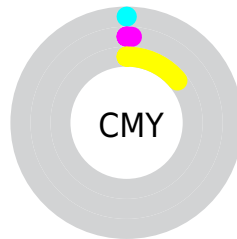
- Red (100%)
- Green (99%)
- Blue (86%)



- Red (87%)
- Yellow (100%)
- Blue (86%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.0481, 0.3337, 0.3603 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 96.0481, 0.3337, 0.3603 by changing the saturation by 10% instead.


 96.0481, 0.3337,
0.3603

 96.0481, 0.3337,
0.3603

547.5149, 0.3245,
0.3464

 73.0076, 0.3357,
0.3633


155.7118, 0.3306,
0.3556

 53.9822, 0.3381,
0.3670


193.1038, 0.3294,
0.3537

 38.5874, 0.3410,
0.3716


236.0484, 0.3283,
0.3521

 26.4389, 0.3447,
0.3774


284.9301, 0.3274,
0.3507

 17.1523, 0.3494,
0.3850

340.1332, 0.3265,
0.3494

 10.3431, 0.3558,
0.3954

402.0421, 0.3258,

 5.6271, 0.3648,

0.3483

0.4104

471.0412, 0.3251,
0.3473

■ 2.6197, 0.3780,
0.4338

■ 0.9366, 0.4562,
0.5438

■ 96.0481, 0.3337,
0.3603

■ 96.0481, 0.3337,
0.3603

■ 93.4659, 0.3497,
0.3838

■ 98.8600, 0.3182,
0.3373

■ 91.0912, 0.3659,
0.4071

99.9909, 0.3127,
0.3290

■ 88.9183, 0.3816,
0.4292

■ 86.9362, 0.3963,
0.4493

■ 85.1328, 0.4092,
0.4662

■ 83.4946, 0.4199,
0.4792

■ 82.0058, 0.4278,
0.4878

■ 80.6472, 0.4330,
0.4919

■ 79.8411, 0.4352,
0.4927

Harmonies

Analogous

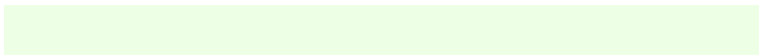
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0481, 0.3452, 0.3541



96.0481, 0.3337, 0.3603



96.0481, 0.3168, 0.3577

Triad

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



96.0481, 0.3337, 0.3603



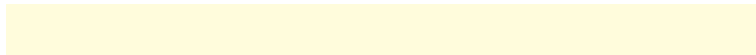
96.0481, 0.2788, 0.3148



96.0481, 0.3259, 0.3122

Complementary

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



96.0481, 0.3337, 0.3603



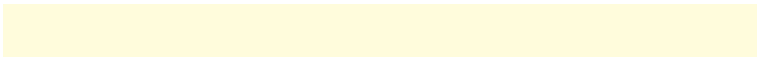
75.1852, 0.2907, 0.2956

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.



96.0481, 0.3079, 0.3023



96.0481, 0.3337, 0.3603



96.0481, 0.2811, 0.3033

Square

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



96.0481, 0.3337, 0.3603



96.0481, 0.2853, 0.3308



96.0481, 0.2916, 0.2990



96.0481, 0.3407, 0.3264

Rectangle

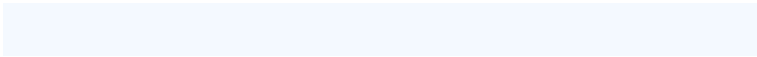
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.0481, 0.3337, 0.3603



96.0481, 0.3048, 0.3512



96.0481, 0.2916, 0.2990



96.0481, 0.3200, 0.3082

Sweetspot

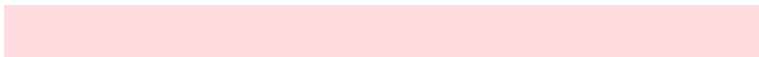
The Sweet Spot groups the original color and five complimentary colors.



96.0523, 0.3337, 0.3603



98.8153, 0.3187, 0.3380



77.8029, 0.3356, 0.3256



21.1037, 0.3198, 0.3397



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

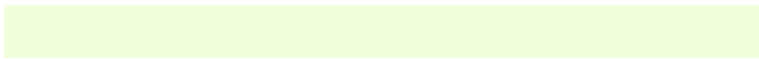
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.0523, 0.3337, 0.3603



95.4796, 0.3373, 0.3657



95.3547, 0.3242, 0.3640



20.8144, 0.3271, 0.3506



41.8452, 0.4349, 0.4929



4.1481, 0.4329, 0.4945

Inverse Universe

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



75.1852, 0.2907, 0.2956



71.4947, 0.2867, 0.2895



75.9047, 0.3000, 0.2935



17.6227, 0.2979, 0.3065



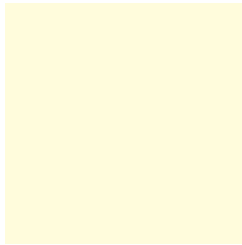
4.1448, 0.1515, 0.0653



0.4835, 0.1546, 0.0766

Previews

White Background



This preview shows how the Yxy color 96.0481, 0.3337, 0.3603 looks on a white background.

Color Contrast Check

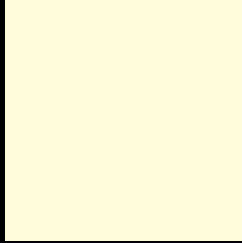
Large Text (above 18pt) WCAG AA × Fail

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 96.0481, 0.3337, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

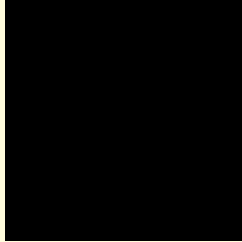
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.0481, 0.3337, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 96.0481, 0.3337, 0.3603.

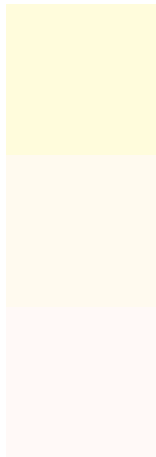


This preview shows how white text looks on a background with the Yxy color 96.0481, 0.3337, 0.3603.

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

96.0481, 0.3337, 0.3603

Protanopia

95.8632, 0.3224, 0.3397

Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

96.0422, 0.3124, 0.3233

Trichromacy



Original Color

96.0481, 0.3337, 0.3603

Protanomaly

96.0806, 0.3266, 0.3475

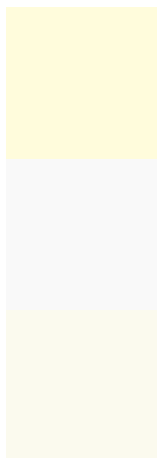
Deuteranomaly

95.7456, 0.3236, 0.3416

Tritanomaly

95.8528, 0.3200, 0.3367

Monochromacy



Original Color

96.0481, 0.3337, 0.3603

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.0535, 0.3205, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.0481, 0.3337, 0.3603 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 220) }
```

Border

The CSS property to change the border of an element to Yxy 96.0481, 0.3337, 0.3603 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, 220) }
```

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

```
.border{ border-color:rgb(255, 252, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 252, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 252, 220); box-shadow:4px 4px 4px 4px rgb(255, 252, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 96.0481, 0.3337, 0.3603 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
252, 220) }
```

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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