

Converting Colors

$Yxy(96.3151, 0.3331, 0.3596)$

Have a look what the booklet for
Yxy(96.3151, 0.3331, 0.3596)
contains.

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Color

Yxy(96.1013, 0.3331, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCDD
RGB	255, 252, 221
RGB Percent	100%, 99%, 87%
CMY	0.0001, 0.0117, 0.1333
CMYK	0.00, 0.01, 0.13, 0.00
HSL	55°, 100%, 93%
HSV	55°, 13%, 100%
XYZ	89.0936, 96.1013, 82.2732
YIQ	249.3630, 11.7390, -9.0050

Conversions

Conversions Part 2

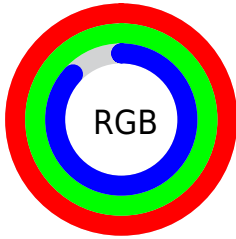
Format	Color
RYB	224, 255, 221
Decimal	16776413
CIELab	98.47, -4.08, 15.20
CIELCh	98, 15.741, 105.027
Yxy	96.1013, 0.3331, 0.3593
Android (android.graphics.Color)	4294966493 (0xFFFFFCDD)
YUV	249.3630, -13.9830, 4.9436
Hunter-Lab	98.0313, -9.3288, 18.8625

Details

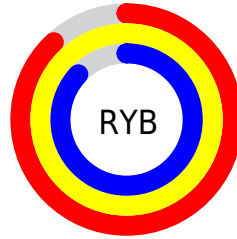
The Yxy color 96.1013, 0.3331, 0.3593 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 75.8880, 0.2914, 0.2968, and the grayscale version is 95.1556, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.7892, 0.3373, 0.3651 is the 20% darker color. If you saturate the color by 10%, you get 93.4646, 0.3491, 0.3827, and if you desaturate by 10%, it is 98.9691, 0.3177, 0.3364.

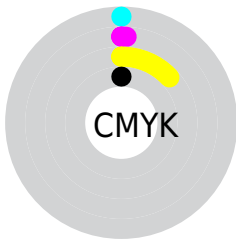
Distribution



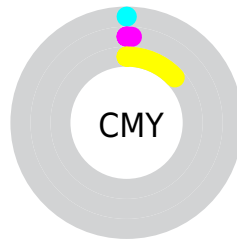
- Red (100%)
- Green (99%)
- Blue (87%)



- Red (88%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.1013, 0.3331, 0.3593 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 96.1013, 0.3331, 0.3593 by changing the saturation by 10% instead.


 96.1013, 0.3331,
0.3593

 96.1013, 0.3331,
0.3593


547.6847, 0.3242,
0.3459

 73.0519, 0.3350,
0.3622


155.7852, 0.3301,
0.3547

 54.0184, 0.3373,
0.3658


193.1885, 0.3289,
0.3529

 38.6164, 0.3402,
0.3702


236.1453, 0.3279,
0.3514

 26.4614, 0.3438,
0.3758

285.0399, 0.3270,
0.3500

 17.1692, 0.3484,
0.3832

340.2568, 0.3261,
0.3488

 10.3552, 0.3546,
0.3933

402.1803, 0.3254,

 5.6351, 0.3634,

0.3477

0.4078

471.1948, 0.3248,
0.3467

■ 2.6245, 0.3763,
0.4305

■ 0.9390, 0.4575,
0.5425

■ 96.1013, 0.3331,
0.3593

■ 96.1013, 0.3331,
0.3593

■ 93.4646, 0.3491,
0.3827

■ 98.9691, 0.3177,
0.3364

■ 91.0369, 0.3653,
0.4059

99.9933, 0.3127,
0.3290

■ 88.8125, 0.3811,
0.4281

■ 86.7803, 0.3959,
0.4482

■ 84.9285, 0.4090,
0.4653

■ 83.2435, 0.4199,
0.4784

■ 81.7096, 0.4280,
0.4871

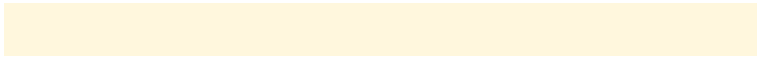
■ 80.3078, 0.4334,
0.4914

■ 79.4260, 0.4357,
0.4922

Harmonies

Analogous

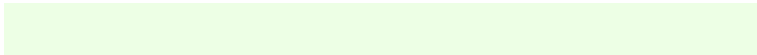
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1013, 0.3442, 0.3533



96.1013, 0.3331, 0.3593



96.1013, 0.3167, 0.3568

Triad

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



96.1013, 0.3331, 0.3593



96.1013, 0.2799, 0.3153



96.1013, 0.3255, 0.3126

Complementary

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



96.1013, 0.3331, 0.3593



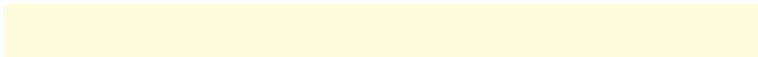
75.8880, 0.2914, 0.2968

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.



96.1013, 0.3080, 0.3030



96.1013, 0.3331, 0.3593



96.1013, 0.2820, 0.3042

Square

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



96.1013, 0.3331, 0.3593



96.1013, 0.2862, 0.3308



96.1013, 0.2922, 0.2999



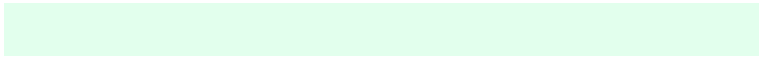
96.1013, 0.3398, 0.3264

Rectangle

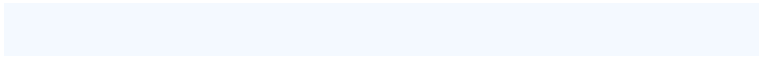
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.1013, 0.3331, 0.3593



96.1013, 0.3051, 0.3505



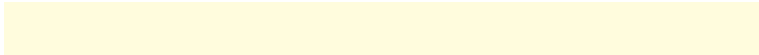
96.1013, 0.2922, 0.2999



96.1013, 0.3198, 0.3088

Sweetspot

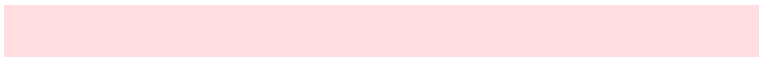
The Sweet Spot groups the original color and five complimentary colors.



96.1055, 0.3331, 0.3593



98.7963, 0.3187, 0.3379



78.3814, 0.3349, 0.3257



21.0989, 0.3198, 0.3396



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

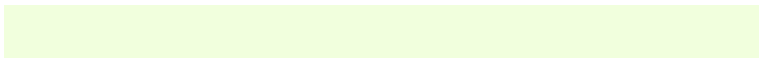
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1055, 0.3331, 0.3593



95.4045, 0.3374, 0.3656



95.4880, 0.3239, 0.3630



20.8048, 0.3271, 0.3505



41.6268, 0.4354, 0.4925



4.1291, 0.4334, 0.4941

Inverse Universe

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



75.8880, 0.2914, 0.2968



71.5567, 0.2867, 0.2896



76.5353, 0.3004, 0.2946



17.6313, 0.2979, 0.3066



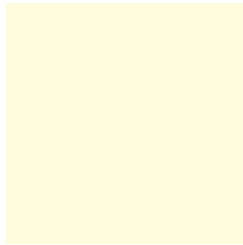
4.1617, 0.1515, 0.0655



0.4876, 0.1548, 0.0771

Previews

White Background



This preview shows how the Yxy color 96.1013, 0.3331, 0.3593 looks on a white background.

Color Contrast Check

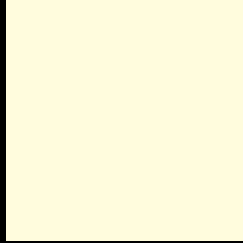
Large Text (above 18pt) WCAG AA × Fail

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 96.1013, 0.3331, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

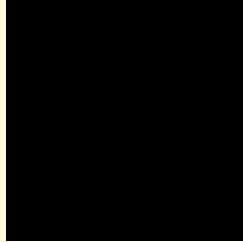
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.1013, 0.3331, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 96.1013, 0.3331, 0.3593.



This preview shows how white text looks on a background with the Yxy color 96.1013, 0.3331, 0.3593.

Color Blindness Simulation

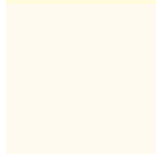
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.1013, 0.3331, 0.3593



Protanopia

95.9225, 0.3218, 0.3387



Deuteranopia

96.4085, 0.3171, 0.3309

Tritanopia

96.0422, 0.3124, 0.3233

Trichromacy



Original Color

96.1013, 0.3331, 0.3593

Protanomaly

96.1376, 0.3260, 0.3465

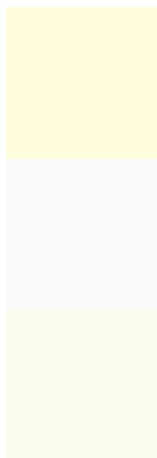
Deuteranomaly

96.4274, 0.3230, 0.3416

Tritanomaly

95.9131, 0.3194, 0.3358

Monochromacy



Original Color

96.1013, 0.3331, 0.3593

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.1124, 0.3199, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.1013, 0.3331, 0.3593 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 221) }
```

Border

The CSS property to change the border of an element to Yxy 96.1013, 0.3331, 0.3593 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, 221) }
```

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

```
.border{ border-color:rgb(255, 252, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 96.1013, 0.3331, 0.3593 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
252, 221) }
```

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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