

Converting Colors

Yxy(96.5816, 0.3280, 0.3509)

Have a look what the booklet for
Yxy(96.5816, 0.3280, 0.3509)
contains.

| | |
|--|----|
| Yxy(96.5940, 0.3277, 0.3504) | 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(96.5940, 0.3277, 0.3504)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFFCE6 |
| RGB | 255, 252, 230 |
| RGB Percent | 100%, 99%, 90% |
| CMY | 0.0000, 0.0118, 0.0981 |
| CMYK | 0.00, 0.01, 0.10, 0.00 |
| HSL | 53°, 100%, 95% |
| HSV | 53°, 10%, 100% |
| XYZ | 90.3363, 96.5940, 88.7375 |
| YIQ | 250.3890, 8.8500, -6.2060 |

Conversions

Conversions Part 2

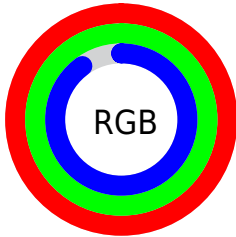
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 233, 255, 230 |
| Decimal | 16776422 |
| CIE Lab | 98.67, -2.66, 10.89 |
| CIE LCh | 99, 11.208, 103.720 |
| Yxy | 96.5940, 0.3277, 0.3504 |
| Android (android.graphics.Color) | 4294966502 (0xFFFFFCE6) |
| YUV | 250.3890, -10.0518, 4.0438 |
| Hunter-Lab | 98.2822, -7.9253, 15.2656 |

Details

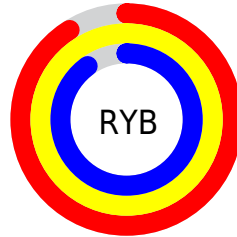
The Yxy color 96.5940, 0.3277, 0.3504 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 82.3121, 0.2974, 0.3067, and the grayscale version is 96.0153, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.0920, 0.3311, 0.3550 is the 20% darker color. If you saturate the color by 10%, you get 93.3614, 0.3438, 0.3729, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

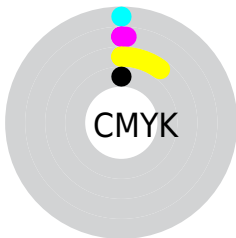
Distribution



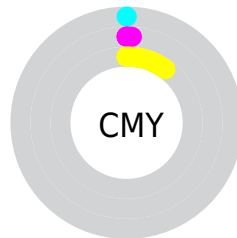
- Red (100%)
- Green (99%)
- Blue (90%)



- Red (91%)
- Yellow (100%)
- Blue (90%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.5940, 0.3277, 0.3504 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 96.5940, 0.3277, 0.3504 by changing the saturation by 10% instead.


 96.5940, 0.3277,
0.3504

 96.5940, 0.3277,
0.3504


549.2555, 0.3211,
0.3409

 73.4624, 0.3291,
0.3525


156.4649, 0.3255,
0.3472

 54.3541, 0.3308,
0.3550


193.9731, 0.3246,
0.3459

 38.8848, 0.3329,
0.3581


237.0421, 0.3238,
0.3448

 26.6702, 0.3356,
0.3620

286.0565, 0.3232,
0.3439

 17.3257, 0.3391,
0.3672

341.4007, 0.3226,
0.3430

 10.4669, 0.3438,
0.3742

403.4590, 0.3220,

 5.7096, 0.3505,

0.3422

0.3845

472.6158, 0.3216,
0.3416

■ 2.6693, 0.3608,
0.4006

■ 0.9616, 0.4049,
0.4596

■ 96.5940, 0.3277,
0.3504

■ 96.5940, 0.3277,
0.3504

■ 93.3614, 0.3438,
0.3729

100.0000, 0.3127,
0.3290

■ 90.3590, 0.3603,
0.3956

■ 87.5780, 0.3769,
0.4176

■ 85.0076, 0.3928,
0.4381

■ 82.6363, 0.4075,
0.4559

■ 80.4509, 0.4202,
0.4702

■ 78.4366, 0.4304,
0.4801

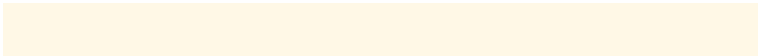
■ 76.5756, 0.4377,
0.4855

■ 74.8398, 0.4425,
0.4868

Harmonies

Analogous

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



96.5940, 0.3353, 0.3461



96.5940, 0.3277, 0.3504



96.5940, 0.3162, 0.3488

Triad

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



96.5940, 0.3277, 0.3504



96.5940, 0.2893, 0.3199



96.5940, 0.3213, 0.3169

Complementary

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



96.5940, 0.3277, 0.3504



82.3121, 0.2974, 0.3067

Split Complementary

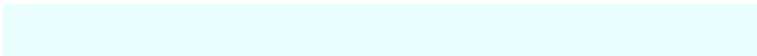
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.5940, 0.3089, 0.3102



96.5940, 0.3277, 0.3504



96.5940, 0.2906, 0.3116

Square

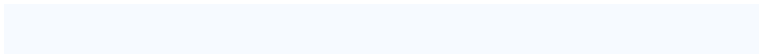
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



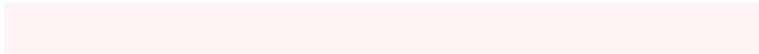
96.5940, 0.3277, 0.3504



96.5940, 0.2941, 0.3309



96.5940, 0.2977, 0.3082



96.5940, 0.3316, 0.3268

Rectangle

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



96.5940, 0.3277, 0.3504



96.5940, 0.3079, 0.3445



96.5940, 0.2977, 0.3082



96.5940, 0.3172, 0.3142

Sweetspot

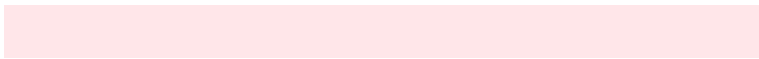
The Sweet Spot groups the original color and five complimentary colors.



96.5950, 0.3277, 0.3504



98.9334, 0.3172, 0.3354



83.7499, 0.3278, 0.3258



21.1156, 0.3184, 0.3372



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.



96.5950, 0.3277, 0.3504



95.8659, 0.3312, 0.3553



96.7947, 0.3215, 0.3537



20.6971, 0.3272, 0.3497



39.2355, 0.4421, 0.4871



3.9206, 0.4392, 0.4895

Inverse Universe

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



82.3121, 0.2974, 0.3067



78.6552, 0.2937, 0.3013



82.1867, 0.3033, 0.3040



17.7283, 0.2979, 0.3074



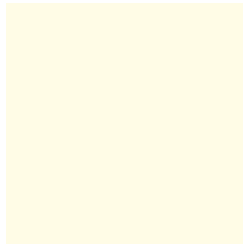
4.3823, 0.1524, 0.0686



0.5332, 0.1565, 0.0833

Previews

White Background



This preview shows how the Yxy color 96.5940, 0.3277, 0.3504 looks on a white background.

Color Contrast Check

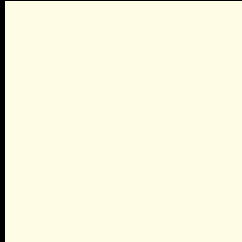
Large Text (above 18pt) WCAG AA × Fail

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 96.5940, 0.3277, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

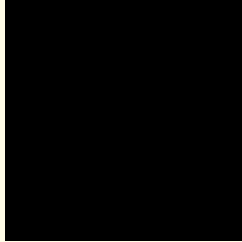
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.5940, 0.3277, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 96.5940, 0.3277, 0.3504.



This preview shows how white text looks on a background with the Yxy color 96.5940, 0.3277, 0.3504.

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

96.5940, 0.3277, 0.3504



Protanopia

96.7254, 0.3200, 0.3367

Deuteranopia

96.4708, 0.3165, 0.3300

Tritanopia

96.4739, 0.3117, 0.3242

Trichromacy



Original Color

96.5940, 0.3277, 0.3504

Protanomaly

96.4274, 0.3230, 0.3416

Deuteranomaly

96.6652, 0.3206, 0.3377

Tritanomaly

96.7190, 0.3176, 0.3338

Monochromacy



Original Color

96.5940, 0.3277, 0.3504

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.1609, 0.3181, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.5940, 0.3277, 0.3504 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 230) }
```

Border

The CSS property to change the border of an element to Yxy 96.5940, 0.3277, 0.3504 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, 230) }
```

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

```
.border{ border-color:rgb(255, 252, 230) }
```

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, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 96.5940, 0.3277, 0.3504 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
252, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor