

Converting Colors

Yxy(96.1816, 0.3331, 0.3626)

Have a look what the booklet for
Yxy(96.1816, 0.3331, 0.3626)
contains.

Yxy(96.2477, 0.3329, 0.3624)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(96.2477, 0.3329, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	FDFFDB
RGB	253, 253, 219
RGB Percent	99%, 99%, 86%
CMY	0.0079, 0.0078, 0.1412
CMYK	0.00, 0.00, 0.13, 0.01
HSL	60°, 90%, 93%
HSV	60°, 13%, 99%
XYZ	88.4130, 96.2477, 80.9235
YIQ	249.1240, 10.9140, -10.5740

Conversions

Conversions Part 2

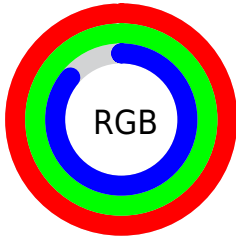
Format	Color
R _Y B	219, 253, 219
Decimal	16645595
CIE Lab	98.53, -5.58, 16.30
CIE LCh	99, 17.233, 108.896
Yxy	96.2477, 0.3329, 0.3624
Android (android.graphics.Color)	4294835675 (0xFFFDFFDDB)
YUV	249.1240, -14.8511, 3.3993
Hunter-Lab	98.1059, -10.8213, 19.7683

Details

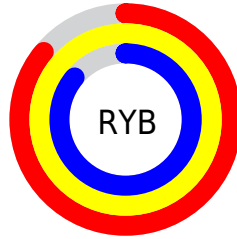
The Yxy color 96.2477, 0.3329, 0.3624 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 72.8098, 0.2911, 0.2933, and the grayscale version is 94.9564, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8960, 0.3369, 0.3691 is the 20% darker color. If you saturate the color by 10%, you get 95.0150, 0.3482, 0.3878, and if you desaturate by 10%, it is 97.6914, 0.3178, 0.3374.

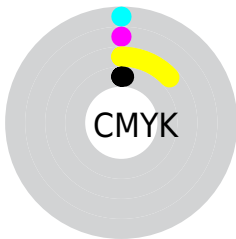
Distribution



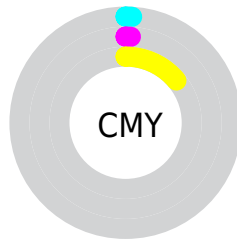
- Red (99%)
- Green (99%)
- Blue (86%)



- Red (86%)
- Yellow (99%)
- Blue (86%)



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.2477, 0.3329, 0.3624 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 96.2477, 0.3329, 0.3624 by changing the saturation by 10% instead.


 96.2477, 0.3329,
0.3624

 96.2477, 0.3329,
0.3624

548.1517, 0.3241,
0.3476

 73.1739, 0.3348,
0.3657

155.9872, 0.3299,
0.3574

 54.1181, 0.3371,
0.3696


193.4217, 0.3288,
0.3554

 38.6961, 0.3398,
0.3745


236.4119, 0.3277,
0.3536

 26.5234, 0.3433,
0.3807

285.3421, 0.3268,
0.3521

 17.2156, 0.3478,
0.3889

340.5968, 0.3260,
0.3508

 10.3883, 0.3538,
0.4001

402.5604, 0.3253,

 5.6572, 0.3622,

0.3496

0.4163

471.6172, 0.3247,
0.3485

■ 2.6378, 0.3743,
0.4416

■ 0.9457, 0.4460,
0.5540

■ 96.2477, 0.3329,
0.3624

■ 96.2477, 0.3329,
0.3624

■ 95.0150, 0.3482,
0.3878

■ 97.6914, 0.3178,
0.3374

■ 93.9715, 0.3633,
0.4127


■ 98.3664, 0.3116,
0.3271

■ 93.1117, 0.3775,
0.4363


■ 98.3705, 0.3116,
0.3271

■ 92.4247, 0.3903,
0.4575


■ 98.3746, 0.3116,
0.3271

 91.8990, 0.4011,
0.4753

 98.3787, 0.3116,
0.3271

 91.5212, 0.4094,
0.4892


 98.3828, 0.3116,
0.3271


 91.2760, 0.4151,
0.4986

 98.3868, 0.3116,
0.3271

 91.1448, 0.4182,
0.5038

 98.3909, 0.3117,
0.3271

 91.1030, 0.4192,
0.5054

 98.3950, 0.3117,
0.3271

Harmonies

Analogous

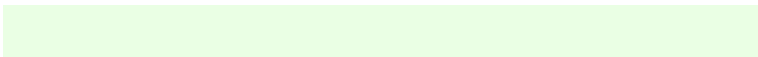
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.2477, 0.3461, 0.3569



96.2477, 0.3329, 0.3624



96.2477, 0.3146, 0.3585

Triad

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



96.2477, 0.3329, 0.3624



96.2477, 0.2766, 0.3121



96.2477, 0.3290, 0.3129

Complementary

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



96.2477, 0.3329, 0.3624



72.8098, 0.2911, 0.2933

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.



96.2477, 0.3100, 0.3017



96.2477, 0.3329, 0.3624



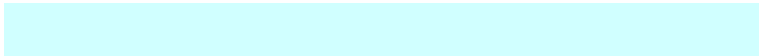
96.2477, 0.2802, 0.3008

Square

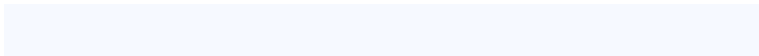
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



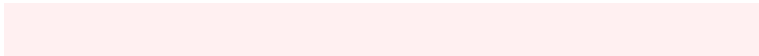
96.2477, 0.3329, 0.3624



96.2477, 0.2824, 0.3286



96.2477, 0.2922, 0.2972



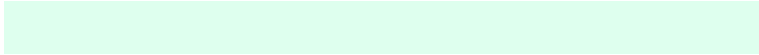
96.2477, 0.3439, 0.3282

Rectangle

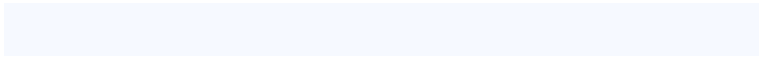
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.2477, 0.3329, 0.3624



96.2477, 0.3020, 0.3509



96.2477, 0.2922, 0.2972



96.2477, 0.3228, 0.3085

Sweetspot

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



96.2519, 0.3329, 0.3624



99.3587, 0.3186, 0.3388



76.6536, 0.3375, 0.3291



21.2419, 0.3197, 0.3406



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

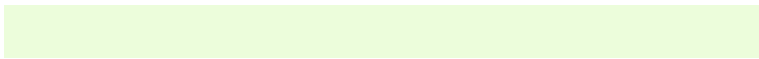
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.2519, 0.3329, 0.3624



97.6386, 0.3368, 0.3689



93.2050, 0.3218, 0.3636



21.0899, 0.3269, 0.3525



48.4582, 0.4192, 0.5054



4.7185, 0.4192, 0.5054

Inverse Universe

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



72.8098, 0.2911, 0.2933



69.7460, 0.2866, 0.2858



75.5802, 0.3025, 0.2945



17.3786, 0.2978, 0.3044



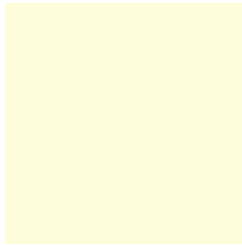
3.7737, 0.1500, 0.0600



0.3677, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 96.2477, 0.3329, 0.3624 looks on a white background.

Color Contrast Check

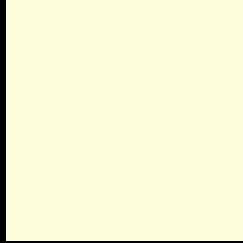
Large Text (above 18pt) WCAG AA × Fail

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 96.2477, 0.3329, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

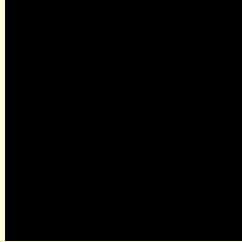
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.2477, 0.3329, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 96.2477, 0.3329, 0.3624.

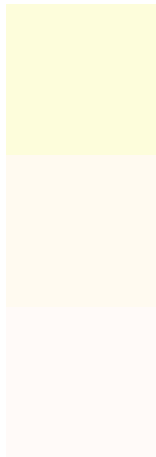


This preview shows how white text looks on a background with the Yxy color 96.2477, 0.3329, 0.3624.

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

96.2477, 0.3329, 0.3624

Protanopia

95.9225, 0.3218, 0.3387

Deuteranopia

96.4085, 0.3171, 0.3309

Tritanopia

96.4739, 0.3117, 0.3242

Trichromacy



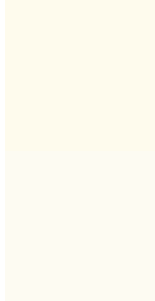
Original Color

96.2477, 0.3329, 0.3624



Protanomaly

95.8914, 0.3259, 0.3475



Deuteranomaly

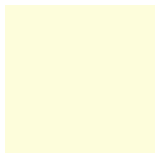
96.1796, 0.3229, 0.3426



Tritanomaly

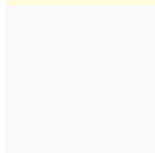
96.2878, 0.3193, 0.3377

Monochromacy



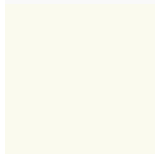
Original Color

96.2477, 0.3329, 0.3624



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

94.8683, 0.3198, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.2477, 0.3329, 0.3624 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(253, 253, 219)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 219)  
}
```

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(253, 253, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 219) }
```

Border

The CSS property to change the border of an element to Yxy 96.2477, 0.3329, 0.3624 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(253, 253, 219) }
```

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

```
.border{ border-color:rgb(253, 253, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 253, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 219);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 96.2477, 0.3329, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 253, 219) }
```

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

```
.background{ background-color: rgb(253,  
253, 219) }
```

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