

Converting Colors

Yxy(126.8774, 0.3310, 0.4109)

Have a look what the booklet for
Yxy(126.8774, 0.3310, 0.4109)
contains.

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Color

Yxy(96.6327, 0.3373, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFD1
RGB	251, 255, 209
RGB Percent	98%, 100%, 82%
CMY	0.0157, 0.0000, 0.1802
CMYK	0.02, 0.00, 0.18, 0.00
HSL	65°, 100%, 91%
HSV	65°, 18%, 100%
XYZ	87.0572, 96.6327, 74.4103
YIQ	248.5600, 12.3820, -15.1540

Conversions

Conversions Part 2

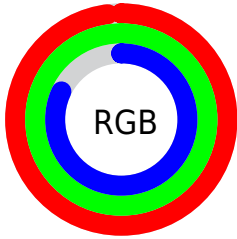
Format	Color
R_{YB}	209, 255, 213
Decimal	16515025
CIE _{Lab}	98.68, -8.75, 21.56
CIE _{LCh}	99, 23.270, 112.077
Yxy	96.6327, 0.3373, 0.3744
Android (android.graphics.Color)	4294705105 (0xFFFBFFD1)
YUV	248.5600, -19.5031, 2.1399
Hunter-Lab	98.3019, -13.9470, 23.9314

Details

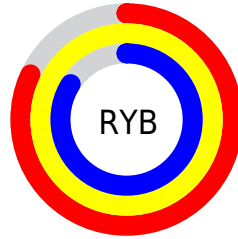
The Yxy color **96.6327, 0.3373, 0.3744** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.9925, 0.2855, 0.2800**, and the grayscale version is **94.5112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.1906, 0.3425, 0.3845** is the 20% darker color. If you saturate the color by 10%, you get **95.0623, 0.3510, 0.4003**, and if you desaturate by 10%, it is **98.4159, 0.3235, 0.3488**.

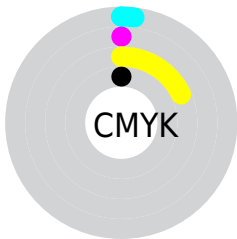
Distribution



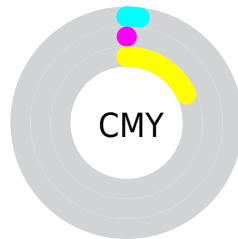
- Red (98%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.6327, 0.3373, 0.3744 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 96.6327, 0.3373, 0.3744 by changing the saturation by 10% instead.


 96.6327, 0.3373,
0.3744

 96.6327, 0.3373,
0.3744


549.3788, 0.3267,
0.3541

 73.4946, 0.3395,
0.3788

156.5183, 0.3338,
0.3675

 54.3805, 0.3422,
0.3842


194.0347, 0.3324,
0.3648

 38.9059, 0.3455,
0.3909

237.1125, 0.3311,
0.3624

 26.6866, 0.3496,
0.3995

286.1363, 0.3300,
0.3604

 17.3380, 0.3547,
0.4106

341.4905, 0.3291,
0.3585

 10.4757, 0.3614,
0.4259

403.5593, 0.3282,

 5.7155, 0.3702,

0.3569

0.4478

472.7273, 0.3274,
0.3555

■ 2.6729, 0.3829,
0.4827

■ 0.9634, 0.4209,
0.5791

■ 96.6327, 0.3373,
0.3744

■ 96.6327, 0.3373,
0.3744

■ 95.0623, 0.3510,
0.4003

■ 98.4159, 0.3235,
0.3488

■ 93.6863, 0.3642,
0.4257

100.0000, 0.3127,
0.3290

■ 92.4974, 0.3763,
0.4497

■ 91.4840, 0.3866,
0.4711

■ 90.6337, 0.3948,
0.4890

■ 89.9319, 0.4004,
0.5027

■ 89.3618, 0.4034,
0.5118

■ 88.9003, 0.4039,
0.5168

■ 88.8155, 0.4039,
0.5175

Harmonies

Analogous

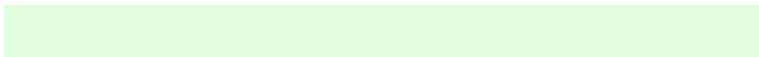
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.6327, 0.3563, 0.3677



96.6327, 0.3373, 0.3744



96.6327, 0.3122, 0.3680

Triad

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



96.6327, 0.3373, 0.3744



96.6327, 0.2644, 0.3038



96.6327, 0.3371, 0.3094

Complementary

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



96.6327, 0.3373, 0.3744



66.9925, 0.2855, 0.2800

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.



96.6327, 0.3116, 0.2939



96.6327, 0.3373, 0.3744



96.6327, 0.2703, 0.2900

Square

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



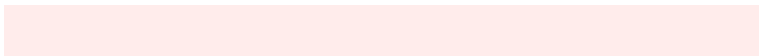
96.6327, 0.3373, 0.3744



96.6327, 0.2707, 0.3256



96.6327, 0.2873, 0.2868



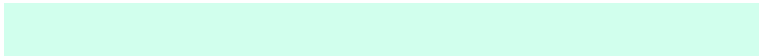
96.6327, 0.3564, 0.3299

Rectangle

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



96.6327, 0.3373, 0.3744



96.6327, 0.2955, 0.3567



96.6327, 0.2873, 0.2868



96.6327, 0.3289, 0.3034

Sweetspot

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



96.6356, 0.3373, 0.3744



98.9962, 0.3194, 0.3413



73.3890, 0.3472, 0.3330



21.1600, 0.3204, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

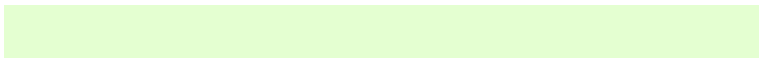
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.6356, 0.3373, 0.3744



95.9856, 0.3428, 0.3847



92.6506, 0.3224, 0.3766



21.0057, 0.3256, 0.3526



46.4413, 0.4041, 0.5173



4.5445, 0.4060, 0.5159

Inverse Universe

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



66.9925, 0.2855, 0.2800



60.8267, 0.2787, 0.2678



70.6482, 0.3012, 0.2822



17.4532, 0.2992, 0.3045



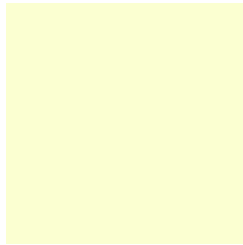
3.8884, 0.1527, 0.0615



0.4031, 0.1585, 0.0647

Previews

White Background



This preview shows how the Yxy color 96.6327, 0.3373, 0.3744 looks on a white background.

Color Contrast Check

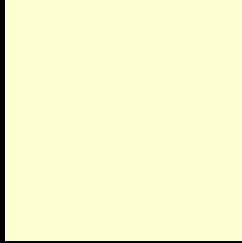
Large Text (above 18pt) WCAG AA × Fail

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 96.6327, 0.3373, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

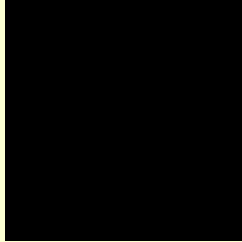
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.6327, 0.3373, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 96.6327, 0.3373, 0.3744.

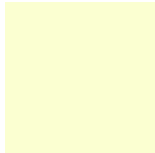


This preview shows how white text looks on a background with the Yxy color 96.6327, 0.3373, 0.3744.

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

96.6327, 0.3373, 0.3744



Protanopia

96.5456, 0.3218, 0.3396

Deuteranopia

96.4085, 0.3171, 0.3309

Tritanopia

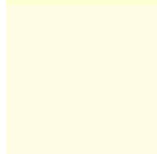
96.4739, 0.3117, 0.3242

Trichromacy



Original Color

96.6327, 0.3373, 0.3744



Protanomaly

96.3488, 0.3276, 0.3514



Deuteranomaly

96.6322, 0.3246, 0.3465



Tritanomaly

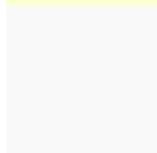
96.4893, 0.3209, 0.3426

Monochromacy



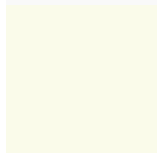
Original Color

96.6327, 0.3373, 0.3744



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

95.2589, 0.3221, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.6327, 0.3373, 0.3744 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(251, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 209)  
}
```

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(251, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 209) }
```

Border

The CSS property to change the border of an element to Yxy 96.6327, 0.3373, 0.3744 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(251, 255, 209) }
```

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

```
.border{ border-color:rgb(251, 255, 209) }
```

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

Here you see how a box with a 4 pixel rgb(251, 255, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 96.6327, 0.3373, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 209) }
```

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

```
.background{ background-color: rgb(251,  
255, 209) }
```

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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