

Converting Colors

$Yxy(97.0552, 0.3271, 0.3471)$

Have a look what the booklet for
Yxy(97.0552, 0.3271, 0.3471)
contains.

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Color

Yxy(96.7640, 0.3259, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCE9
RGB	255, 252, 233
RGB Percent	100%, 99%, 91%
CMY	0.0000, 0.0118, 0.0862
CMYK	0.00, 0.01, 0.09, 0.00
HSL	52°, 100%, 96%
HSV	52°, 9%, 100%
XYZ	90.7754, 96.7640, 90.9983
YIQ	250.7310, 7.8870, -5.2730

Conversions

Conversions Part 2

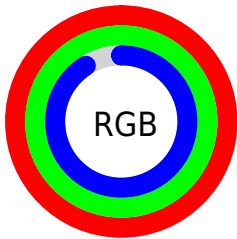
Format	Color
RYB	236, 255, 233
Decimal	16776425
CIELab	98.74, -2.15, 9.43
CIELCh	99, 9.673, 102.859
Yxy	96.7640, 0.3259, 0.3474
Android (android.graphics.Color)	4294966505 (0xFFFFFCE9)
YUV	250.7310, -8.7414, 3.7439
Hunter-Lab	98.3687, -7.4239, 14.0105

Details

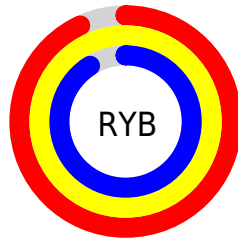
The Yxy color 96.7640, 0.3259, 0.3474 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.5573, 0.2993, 0.3099, and the grayscale version is 96.2986, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.2103, 0.3288, 0.3513 is the 20% darker color. If you saturate the color by 10%, you get 93.2292, 0.3420, 0.3695, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

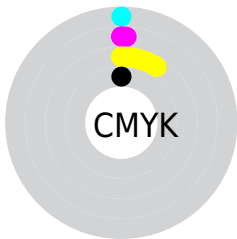
Distribution



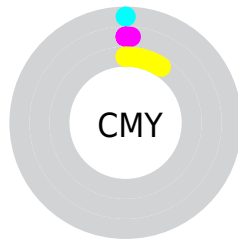
- Red (100%)
- Green (99%)
- Blue (91%)



- Red (93%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.7640, 0.3259, 0.3474 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 96.7640, 0.3259, 0.3474 by changing the saturation by 10% instead.


 96.7640, 0.3259,
0.3474

 96.7640, 0.3259,
0.3474

549.7969, 0.3201,
0.3393

 73.6040, 0.3272,
0.3492

156.6994, 0.3240,
0.3447

 54.4700, 0.3287,
0.3513

194.2436, 0.3232,
0.3436

 38.9776, 0.3305,
0.3540


237.3514, 0.3225,
0.3426

 26.7423, 0.3329,
0.3574

286.4070, 0.3219,
0.3418

 17.3798, 0.3360,
0.3618

341.7950, 0.3214,
0.3411

 10.5056, 0.3401,
0.3678

403.8998, 0.3209,

 5.7355, 0.3461,

0.3404

0.3766

473.1056, 0.3205,
0.3398

■ 2.6849, 0.3553,
0.3904

■ 0.9695, 0.3887,
0.4348

■ 96.7640, 0.3259,
0.3474

■ 96.7640, 0.3259,
0.3474

■ 93.2292, 0.3420,
0.3695

100.0000, 0.3127,
0.3290

■ 89.9425, 0.3587,
0.3918

■ 86.8877, 0.3755,
0.4136

■ 84.0541, 0.3920,
0.4340

■ 81.4302, 0.4073,
0.4520

■ 79.0030, 0.4208,
0.4665

■ 76.7578, 0.4319,
0.4768

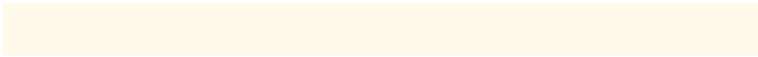
■ 74.6772, 0.4401,
0.4824

■ 72.7366, 0.4456,
0.4838

Harmonies

Analogous

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



96.7640, 0.3323, 0.3436



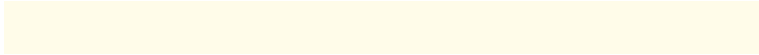
96.7640, 0.3259, 0.3474



96.7640, 0.3160, 0.3461

Triad

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



96.7640, 0.3259, 0.3474



96.7640, 0.2925, 0.3214



96.7640, 0.3199, 0.3183

Complementary

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



96.7640, 0.3259, 0.3474



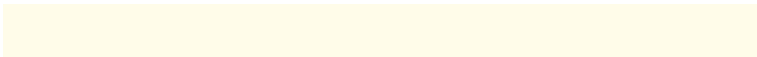
84.5573, 0.2993, 0.3099

Split Complementary

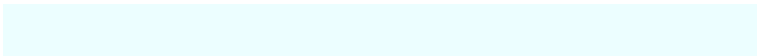
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.7640, 0.3091, 0.3126



96.7640, 0.3259, 0.3474



96.7640, 0.2935, 0.3142

Square

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



96.7640, 0.3259, 0.3474



96.7640, 0.2969, 0.3309



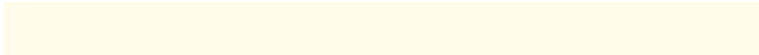
96.7640, 0.2995, 0.3110



96.7640, 0.3288, 0.3268

Rectangle

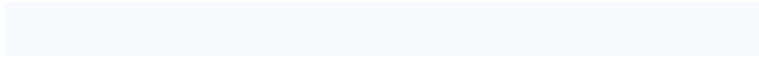
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.7640, 0.3259, 0.3474



96.7640, 0.3089, 0.3426



96.7640, 0.2995, 0.3110



96.7640, 0.3163, 0.3160

Sweetspot

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



96.7577, 0.3259, 0.3474



98.8500, 0.3172, 0.3353



85.6245, 0.3256, 0.3258



21.0930, 0.3184, 0.3370



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.



96.7577, 0.3259, 0.3474



96.2557, 0.3280, 0.3504



97.2345, 0.3207, 0.3506



20.6411, 0.3273, 0.3493



38.0339, 0.4458, 0.4843



3.8153, 0.4423, 0.4870

Inverse Universe

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



84.5573, 0.2993, 0.3099



82.2351, 0.2970, 0.3066



84.1603, 0.3043, 0.3072



17.7790, 0.2979, 0.3078



4.5207, 0.1529, 0.0705



0.5570, 0.1574, 0.0865

Previews

White Background



This preview shows how the Yxy color 96.7640, 0.3259, 0.3474 looks on a white background.

Color Contrast Check

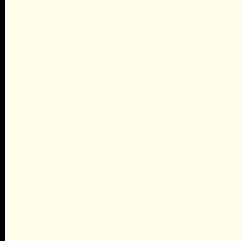
Large Text (above 18pt) WCAG AA × Fail

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 96.7640, 0.3259, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

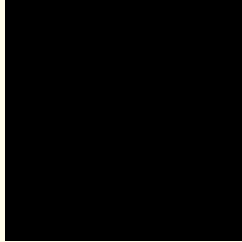
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.7640, 0.3259, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 96.7640, 0.3259, 0.3474.



This preview shows how white text looks on a background with the Yxy color 96.7640, 0.3259, 0.3474.

Color Blindness Simulation

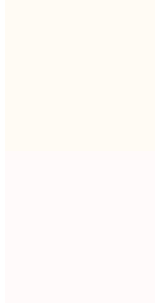
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.7640, 0.3259, 0.3474



Protanopia

96.7860, 0.3194, 0.3357

Deuteranopia

96.5333, 0.3159, 0.3290

Tritanopia

96.4739, 0.3117, 0.3242

Trichromacy



Original Color

96.7640, 0.3259, 0.3474

Protanomaly

96.5456, 0.3218, 0.3396

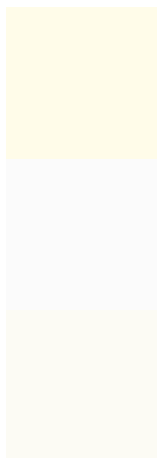
Deuteranomaly

96.7860, 0.3194, 0.3357

Tritanomaly

96.7806, 0.3170, 0.3329

Monochromacy



Original Color

96.7640, 0.3259, 0.3474

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.2215, 0.3175, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.7640, 0.3259, 0.3474 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 233) }
```

Border

The CSS property to change the border of an element to Yxy 96.7640, 0.3259, 0.3474 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, 233) }
```

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

```
.border{ border-color:rgb(255, 252, 233) }
```

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, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 96.7640, 0.3259, 0.3474 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, 233) }
```

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

```
.background{ background-color: rgb(255,  
252, 233) }
```

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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