

Converting Colors

Yxy(97.4360, 0.3185, 0.3420)

Have a look what the booklet for
Yxy(97.4360, 0.3185, 0.3420)
contains.

Yxy(97.6841, 0.3190, 0.3426)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(97.6841, 0.3190, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	FBFEF0
RGB	251, 254, 240
RGB Percent	98%, 100%, 94%
CMY	0.0156, 0.0039, 0.0589
CMYK	0.01, 0.00, 0.06, 0.00
HSL	73°, 88%, 97%
HSV	73°, 6%, 100%
XYZ	90.9551, 97.6841, 96.4866
YIQ	251.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

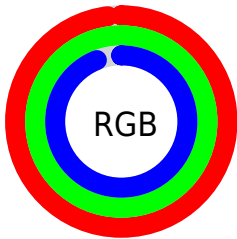
Format	Color
R_{YB}	240, 254, 243
Decimal	16514800
CIE _{Lab}	99.10, -3.39, 6.34
CIE _{LCh}	99, 7.191, 118.131
Yxy	97.6841, 0.3190, 0.3426
Android (android.graphics.Color)	4294704880 (0xFFFFBF0)
YUV	251.5070, -5.6730, -0.4446
Hunter-Lab	98.8353, -8.6935, 11.3036

Details

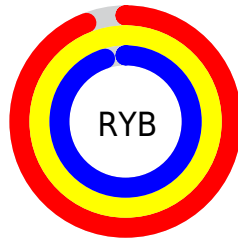
The Yxy color 97.6841, 0.3190, 0.3426 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.5181, 0.3062, 0.3152, and the grayscale version is 96.9629, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.8625, 0.3199, 0.3451 is the 20% darker color. If you saturate the color by 10%, you get 95.2911, 0.3306, 0.3683, and if you desaturate by 10%, it is 99.3660, 0.3128, 0.3281.

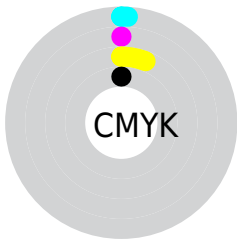
Distribution



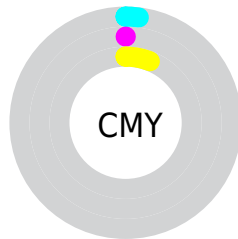
- Red (98%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.6841, 0.3190, 0.3426 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 97.6841, 0.3190, 0.3426 by changing the saturation by 10% instead.

 97.6841, 0.3190,
0.3426

 97.6841, 0.3190,
0.3426


552.7226, 0.3163,
0.3366

 74.3710, 0.3196,
0.3439


157.9676, 0.3181,
0.3406

 55.0977, 0.3203,
0.3455

195.7068, 0.3177,
0.3398

 39.4800, 0.3212,
0.3475


239.0235, 0.3174,
0.3391

 27.1333, 0.3223,
0.3500

288.3020, 0.3171,
0.3385

 17.6734, 0.3237,
0.3532

343.9268, 0.3169,
0.3379

 10.7157, 0.3257,
0.3577

406.2822, 0.3166,

 5.8760, 0.3284,

0.3374

0.3643

475.7527, 0.3164,
0.3370

■ 2.7698, 0.3327,
0.3747

■ 1.0128, 0.3443,
0.3986

■ 97.6841, 0.3190,
0.3426

■ 97.6841, 0.3190,
0.3426

■ 95.2911, 0.3306,
0.3683

99.3660, 0.3128,
0.3281

■ 93.1250, 0.3421,
0.3950

■ 91.1804, 0.3531,
0.4220

■ 89.4471, 0.3632,
0.4482

■ 87.9138, 0.3717,
0.4727

■ 86.5681, 0.3782,
0.4942

■ 85.3960, 0.3822,
0.5117

■ 84.3813, 0.3836,
0.5246

■ 83.5039, 0.3824,
0.5328

Harmonies

Analogous

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



97.6841, 0.3252, 0.3417



97.6841, 0.3190, 0.3426



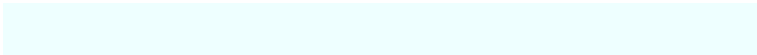
97.6841, 0.3111, 0.3398

Triad

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



97.6841, 0.3190, 0.3426



97.6841, 0.2976, 0.3204



97.6841, 0.3217, 0.3241

Complementary

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



97.6841, 0.3190, 0.3426



88.5181, 0.3062, 0.3152

Split Complementary

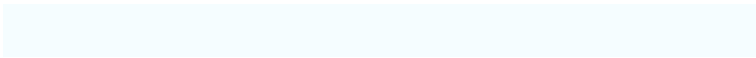
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.6841, 0.3142, 0.3186



97.6841, 0.3190, 0.3426



97.6841, 0.3003, 0.3164

Square

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



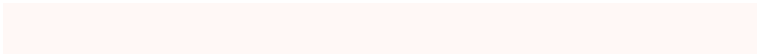
97.6841, 0.3190, 0.3426



97.6841, 0.2988, 0.3268



97.6841, 0.3063, 0.3158



97.6841, 0.3268, 0.3310

Rectangle

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



97.6841, 0.3190, 0.3426



97.6841, 0.3061, 0.3361



97.6841, 0.3063, 0.3158



97.6841, 0.3193, 0.3221

Sweetspot

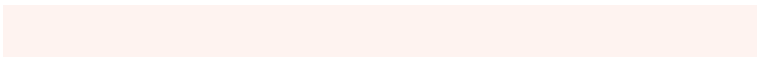
The Sweet Spot groups the original color and five complimentary colors.



97.6883, 0.3190, 0.3426



99.4701, 0.3150, 0.3339



91.3371, 0.3218, 0.3318



21.2963, 0.3149, 0.3336



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.



97.6883, 0.3190, 0.3426



98.1883, 0.3207, 0.3463



96.4438, 0.3147, 0.3428



20.9841, 0.3214, 0.3479



43.8987, 0.3820, 0.5349



4.3207, 0.3864, 0.5314

Inverse Universe

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



88.5181, 0.3062, 0.3152



86.5685, 0.3044, 0.3113



89.7545, 0.3106, 0.3154



18.2936, 0.3036, 0.3097



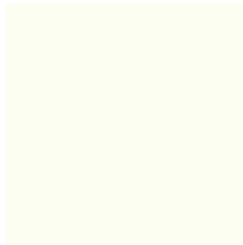
4.2397, 0.1608, 0.0660



0.4575, 0.1710, 0.0715

Previews

White Background



This preview shows how the Yxy color 97.6841, 0.3190, 0.3426 looks on a white background.

Color Contrast Check

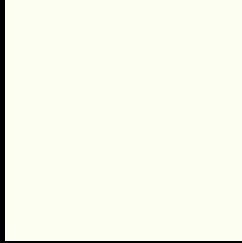
Large Text (above 18pt) WCAG AA × Fail

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 97.6841, 0.3190, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

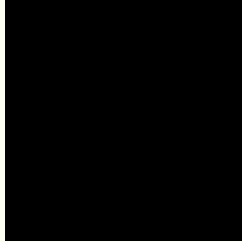
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.6841, 0.3190, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 97.6841, 0.3190, 0.3426.



This preview shows how white text looks on a background with the Yxy color 97.6841, 0.3190, 0.3426.

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

The image shows a vertical stack of three color swatches. The top swatch is a light yellow-green, representing the 'Original Color'. The middle swatch is a light orange, representing 'Protanopia'. The bottom swatch is a light yellow, representing 'Deuteranopia'.

Original Color

97.6841, 0.3190, 0.3426

Protanopia

97.6581, 0.3169, 0.3328

Deuteranopia

97.8458, 0.3152, 0.3300

Tritanopia

97.7235, 0.3116, 0.3261

Trichromacy



Original Color

97.6841, 0.3190, 0.3426

Protanomaly

97.9140, 0.3180, 0.3367

Deuteranomaly

98.0368, 0.3168, 0.3348

Tritanomaly

97.8481, 0.3138, 0.3319

Monochromacy



Original Color

97.6841, 0.3190, 0.3426



Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.7233, 0.3150, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.6841, 0.3190, 0.3426 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, 254, 240)` looks like.

```
.text, #text, p{  
    color:rgb(251, 254, 240)  
}
```

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, 254, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 254, 240) }
```

Border

The CSS property to change the border of an element to Yxy 97.6841, 0.3190, 0.3426 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, 254, 240) }
```

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

```
.border{ border-color:rgb(251, 254, 240) }
```

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

Here you see how a box with a 4 pixel rgb(251, 254, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 254, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 254, 240);  
box-shadow:4px 4px 4px 4px rgb(251, 254,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 97.6841, 0.3190, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 254, 240) }
```

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

```
.background{ background-color: rgb(251,  
254, 240) }
```

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