

Converting Colors

Yxy(96.9444, 0.3185, 0.3424)

Have a look what the booklet for
Yxy(96.9444, 0.3185, 0.3424)
contains.

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Color

Yxy(96.8658, 0.3184, 0.3417)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FAFDF0 |
| RGB | 250, 253, 240 |
| RGB Percent | 98%, 99%, 94% |
| CMY | 0.0198, 0.0077, 0.0589 |
| CMYK | 0.01, 0.00, 0.05, 0.01 |
| HSL | 74°, 77%, 97% |
| HSV | 74°, 5%, 99% |
| XYZ | 90.2607, 96.8658, 96.3555 |
| YIQ | 250.6210, 2.3850, -4.6790 |

Conversions

Conversions Part 2

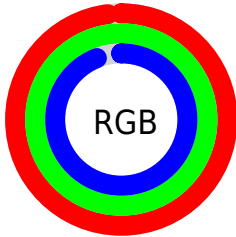
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 240, 253, 243 |
| Decimal | 16449008 |
| CIE Lab | 98.78, -3.26, 5.87 |
| CIE LCh | 99, 6.717, 119.023 |
| Yxy | 96.8658, 0.3184, 0.3417 |
| Android (android.graphics.Color) | 4294639088 (0xFFFAFDF0) |
| YUV | 250.6210, -5.2362, -0.5446 |
| Hunter-Lab | 98.4204, -8.5347, 10.8482 |

Details

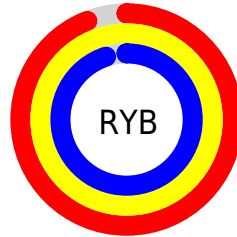
The Yxy color 96.8658, 0.3184, 0.3417 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.4609, 0.3069, 0.3161, and the grayscale version is 96.1771, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.4099, 0.3200, 0.3439 is the 20% darker color. If you saturate the color by 10%, you get 94.3863, 0.3296, 0.3674, and if you desaturate by 10%, it is 98.7456, 0.3128, 0.3271.

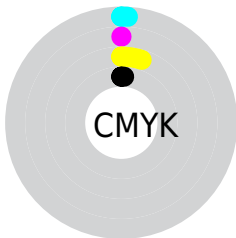
Distribution



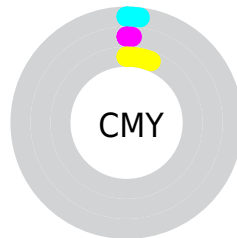
- Red (98%)
- Green (99%)
- Blue (94%)



- Red (94%)
- Yellow (99%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)




- Cyan (2%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.8658, 0.3184, 0.3417 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 96.8658, 0.3184, 0.3417 by changing the saturation by 10% instead.

 96.8658, 0.3184,
0.3417

 96.8658, 0.3184,
0.3417


550.1210, 0.3159,
0.3361

 73.6889, 0.3189,
0.3429


156.8398, 0.3176,
0.3398

 54.5394, 0.3196,
0.3444


194.4056, 0.3172,
0.3390

 39.0331, 0.3204,
0.3463


237.5365, 0.3169,
0.3384

 26.7855, 0.3214,
0.3486

286.6169, 0.3167,
0.3378

 17.4122, 0.3227,
0.3517

342.0311, 0.3165,
0.3373

 10.5288, 0.3245,
0.3559

404.1636, 0.3163,

 5.7509, 0.3270,

0.3369

0.3621

473.3988, 0.3161,
0.3365

■ 2.6942, 0.3309,
0.3719

■ 0.9743, 0.3423,
0.3952

■ 96.8658, 0.3184,
0.3417

■ 96.8658, 0.3184,
0.3417

■ 94.3863, 0.3296,
0.3674

98.7456, 0.3128,
0.3271

■ 92.1381, 0.3407,
0.3942

■ 90.1159, 0.3514,
0.4214

■ 88.3094, 0.3611,
0.4480

■ 86.7075, 0.3693,
0.4729

■ 85.2977, 0.3754,
0.4950

■ 84.0663, 0.3791,
0.5132

■ 82.9971, 0.3802,
0.5268

■ 82.0704, 0.3788,
0.5355

Harmonies

Analogous

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



96.8658, 0.3243, 0.3410



96.8658, 0.3184, 0.3417



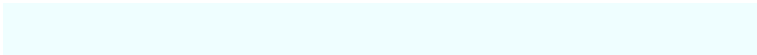
96.8658, 0.3110, 0.3389

Triad

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



96.8658, 0.3184, 0.3417



96.8658, 0.2985, 0.3208



96.8658, 0.3213, 0.3246

Complementary

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



96.8658, 0.3184, 0.3417



88.4609, 0.3069, 0.3161

Split Complementary

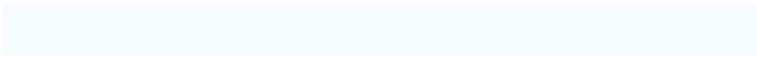
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.8658, 0.3143, 0.3194



96.8658, 0.3184, 0.3417



96.8658, 0.3012, 0.3171

Square

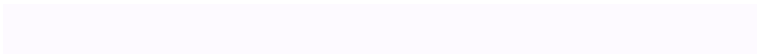
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



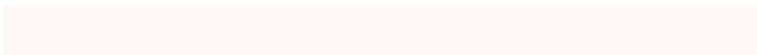
96.8658, 0.3184, 0.3417



96.8658, 0.2996, 0.3267



96.8658, 0.3070, 0.3167



96.8658, 0.3260, 0.3311

Rectangle

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



96.8658, 0.3184, 0.3417



96.8658, 0.3063, 0.3355



96.8658, 0.3070, 0.3167



96.8658, 0.3191, 0.3227

Sweetspot

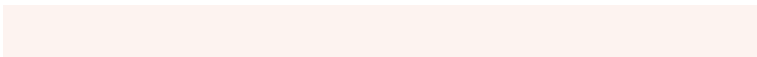
The Sweet Spot groups the original color and five complimentary colors.



96.8700, 0.3184, 0.3417



99.4487, 0.3149, 0.3339



91.2890, 0.3211, 0.3320



21.2919, 0.3148, 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.



96.8700, 0.3184, 0.3417



98.3763, 0.3193, 0.3438



95.6907, 0.3143, 0.3419



21.0199, 0.3201, 0.3455



43.5003, 0.3781, 0.5380



4.2850, 0.3830, 0.5341

Inverse Universe

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



88.4609, 0.3069, 0.3161



88.4725, 0.3058, 0.3140



89.6376, 0.3110, 0.3163



18.6798, 0.3051, 0.3122



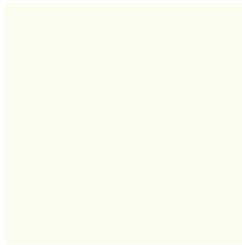
4.3316, 0.1629, 0.0671



0.4690, 0.1735, 0.0729

Previews

White Background



This preview shows how the Yxy color 96.8658, 0.3184, 0.3417 looks on a white background.

Color Contrast Check

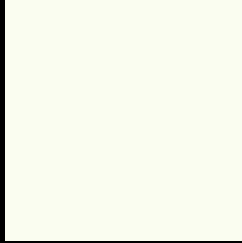
Large Text (above 18pt) WCAG AA × Fail

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 96.8658, 0.3184, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

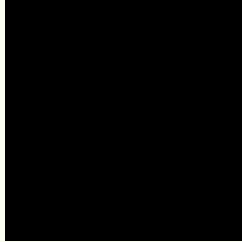
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.8658, 0.3184, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 96.8658, 0.3184, 0.3417.

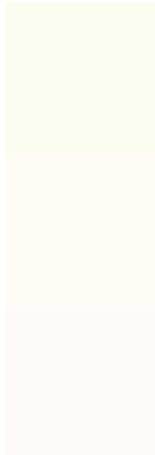


This preview shows how white text looks on a background with the Yxy color 96.8658, 0.3184, 0.3417.

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

96.8658, 0.3184, 0.3417

Protanopia

96.8469, 0.3188, 0.3348

Deuteranopia

96.5333, 0.3159, 0.3290

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy

Original Color

96.8658, 0.3184, 0.3417

Protanomaly

96.9745, 0.3186, 0.3377

Deuteranomaly

96.5308, 0.3169, 0.3338

Tritanomaly

97.0322, 0.3133, 0.3309

Monochromacy

Original Color

96.8658, 0.3184, 0.3417

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.8454, 0.3150, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.8658, 0.3184, 0.3417 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(250, 253, 240)` looks like.

```
.text, #text, p{  
    color:rgb(250, 253, 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(250, 253, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 253, 240) }
```

Border

The CSS property to change the border of an element to Yxy 96.8658, 0.3184, 0.3417 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(250, 253, 240) }
```

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

```
.border{ border-color:rgb(250, 253, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 253, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 253, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 253, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 253,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 96.8658, 0.3184, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 253, 240) }
```

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

```
.background{ background-color: rgb(250,  
253, 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](#).

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