

Converting Colors

$Yxy(96.7571, 0.3176, 0.3388)$

Have a look what the booklet for
Yxy(96.7571, 0.3176, 0.3388)
contains.

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Color

Yxy(96.5408, 0.3179, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	FBFCF2
RGB	251, 252, 242
RGB Percent	98%, 99%, 95%
CMY	0.0159, 0.0117, 0.0509
CMYK	0.00, 0.00, 0.04, 0.01
HSL	66°, 63%, 97%
HSV	66°, 4%, 99%
XYZ	90.6121, 96.5408, 97.8805
YIQ	250.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

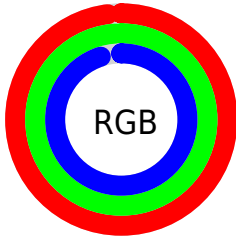
Format	Color
R _Y B	242, 252, 243
Decimal	16514290
CIE Lab	98.65, -2.07, 4.64
CIE LCh	99, 5.083, 114.001
Yxy	96.5408, 0.3179, 0.3387
Android (android.graphics.Color)	4294704370 (0xFFFBFCF2)
YUV	250.5610, -4.2206, 0.3850
Hunter-Lab	98.2552, -7.3317, 9.7147

Details

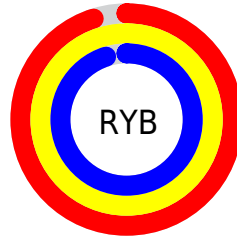
The Yxy color 96.5408, 0.3179, 0.3387 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.6174, 0.3074, 0.3192, and the grayscale version is 96.1195, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.0447, 0.3186, 0.3401 is the 20% darker color. If you saturate the color by 10%, you get 94.6409, 0.3312, 0.3640, and if you desaturate by 10%, it is 97.8521, 0.3120, 0.3262.

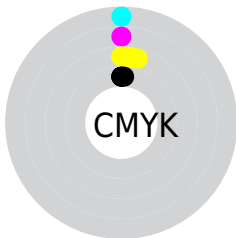
Distribution



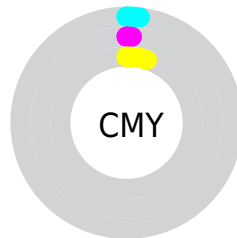
- Red (98%)
- Green (99%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)





- Cyan (2%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.5408, 0.3179, 0.3387 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 96.5408, 0.3179, 0.3387 by changing the saturation by 10% instead.


 96.5408, 0.3179,
0.3387

 96.5408, 0.3179,
0.3387


549.0860, 0.3156,
0.3344

 73.4181, 0.3184,
0.3396

156.3916, 0.3171,
0.3373

 54.3179, 0.3190,
0.3408

193.8884, 0.3168,
0.3367

 38.8558, 0.3197,
0.3422


236.9453, 0.3166,
0.3362

 26.6476, 0.3206,
0.3439


285.9468, 0.3163,
0.3357

 17.3087, 0.3219,
0.3463

341.2772, 0.3161,
0.3354

 10.4549, 0.3235,
0.3495

403.3210, 0.3159,

 5.7016, 0.3259,

0.3350

0.3542

472.4624, 0.3158,
0.3347

■ 2.6645, 0.3296,
0.3616

■ 0.9592, 0.3389,
0.3782

■ 96.5408, 0.3179,
0.3387

■ 96.5408, 0.3179,
0.3387

■ 94.6409, 0.3312,
0.3640

■ 97.8521, 0.3120,
0.3262

■ 92.9440, 0.3447,
0.3899

■ 98.1113, 0.3128,
0.3262

■ 91.4452, 0.3578,
0.4158

■ 90.1346, 0.3700,
0.4408

■ 89.0017, 0.3808,
0.4637

■ 88.0347, 0.3896,
0.4835

■ 87.2204, 0.3959,
0.4994

■ 86.5435, 0.3996,
0.5108

■ 85.9852, 0.4007,
0.5177

Harmonies

Analogous

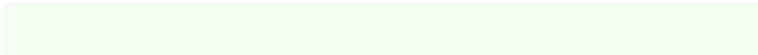
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.5408, 0.3220, 0.3377



96.5408, 0.3179, 0.3387



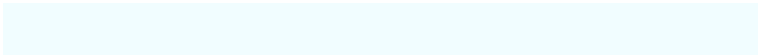
96.5408, 0.3124, 0.3370

Triad

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



96.5408, 0.3179, 0.3387



96.5408, 0.3019, 0.3235



96.5408, 0.3184, 0.3249

Complementary

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



96.5408, 0.3179, 0.3387



89.6174, 0.3074, 0.3192

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.



96.5408, 0.3130, 0.3212



96.5408, 0.3179, 0.3387



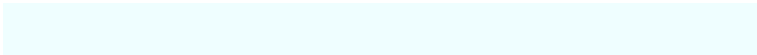
96.5408, 0.3035, 0.3203

Square

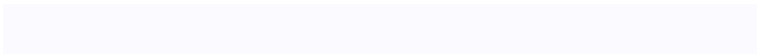
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



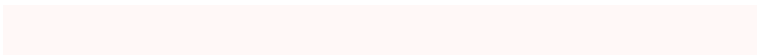
96.5408, 0.3179, 0.3387



96.5408, 0.3032, 0.3282



96.5408, 0.3075, 0.3195



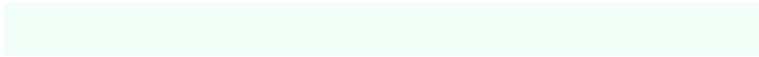
96.5408, 0.3223, 0.3298

Rectangle

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



96.5408, 0.3179, 0.3387



96.5408, 0.3087, 0.3346



96.5408, 0.3075, 0.3195



96.5408, 0.3167, 0.3235

Sweetspot

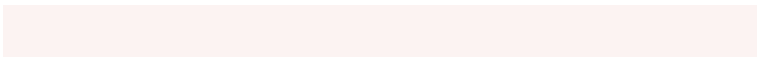
The Sweet Spot groups the original color and five complimentary colors.



96.5450, 0.3179, 0.3387



99.7856, 0.3140, 0.3314



91.2260, 0.3192, 0.3300



21.3605, 0.3140, 0.3313



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.



96.5450, 0.3179, 0.3387



98.9505, 0.3193, 0.3413



95.6402, 0.3148, 0.3388



20.2463, 0.3202, 0.3430



44.6688, 0.4008, 0.5200



4.1631, 0.4031, 0.5181

Inverse Universe

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



89.6174, 0.3074, 0.3192



90.0350, 0.3060, 0.3165



90.5080, 0.3106, 0.3193



18.1767, 0.3050, 0.3147



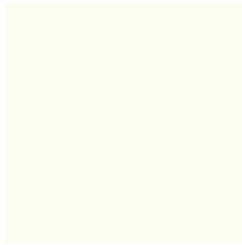
3.8098, 0.1536, 0.0620



0.3809, 0.1608, 0.0659

Previews

White Background



This preview shows how the Yxy color 96.5408, 0.3179, 0.3387 looks on a white background.

Color Contrast Check

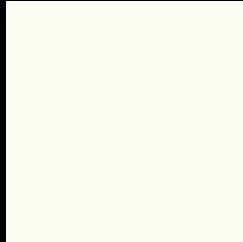
Large Text (above 18pt) WCAG AA × Fail

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 96.5408, 0.3179, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

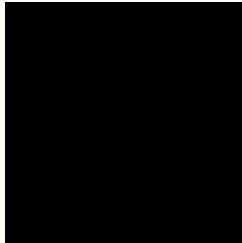
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.5408, 0.3179, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 96.5408, 0.3179, 0.3387.



This preview shows how white text looks on a background with the Yxy color 96.5408, 0.3179, 0.3387.

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

96.5408, 0.3179, 0.3387

Protanopia

96.2238, 0.3188, 0.3338

Deuteranopia

96.5333, 0.3159, 0.3290

Tritanopia

96.2867, 0.3111, 0.3242

Trichromacy

Original Color

96.5408, 0.3179, 0.3387

Protanomaly

96.5968, 0.3187, 0.3358

Deuteranomaly

96.7806, 0.3170, 0.3329

Tritanomaly

96.5919, 0.3139, 0.3300

Monochromacy

Original Color

96.5408, 0.3179, 0.3387

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.2809, 0.3145, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.5408, 0.3179, 0.3387 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 $rgb(251, 252, 242)$ looks like.

```
.text, #text, p{  
    color:rgb(251, 252, 242)  
}
```

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, 252, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 252, 242) }
```

Border

The CSS property to change the border of an element to Yxy 96.5408, 0.3179, 0.3387 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, 252, 242) }
```

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

```
.border{ border-color:rgb(251, 252, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 252, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 252, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 252, 242);  
box-shadow:4px 4px 4px 4px rgb(251, 252,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 96.5408, 0.3179, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 252, 242) }
```

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

```
.background{ background-color: rgb(251,  
252, 242) }
```

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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