

Converting Colors

$Yxy(96.3997, 0.3198, 0.3421)$

Have a look what the booklet for
Yxy(96.3997, 0.3198, 0.3421)
contains.

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Color

Yxy(96.3620, 0.3197, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	FBFCEF
RGB	251, 252, 239
RGB Percent	98%, 99%, 94%
CMY	0.0159, 0.0117, 0.0628
CMYK	0.00, 0.00, 0.05, 0.01
HSL	65°, 69%, 96%
HSV	65°, 5%, 99%
XYZ	90.1578, 96.3620, 95.4878
YIQ	250.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

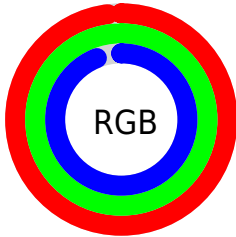
Format	Color
R_{YB}	239, 252, 240
Decimal	16514287
CIE Lab	98.58, -2.59, 6.11
CIE LCh	99, 6.633, 112.950
Yxy	96.3620, 0.3197, 0.3417
Android (android.graphics.Color)	4294704367 (0xFFFBFCEF)
YUV	250.2190, -5.5310, 0.6849
Hunter-Lab	98.1641, -7.8458, 11.0414

Details

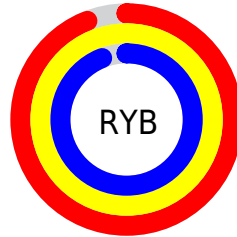
The Yxy color 96.3620, 0.3197, 0.3417 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.2805, 0.3055, 0.3160, and the grayscale version is 95.8292, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.9184, 0.3209, 0.3439 is the 20% darker color. If you saturate the color by 10%, you get 94.5975, 0.3335, 0.3670, and if you desaturate by 10%, it is 97.7415, 0.3116, 0.3262.

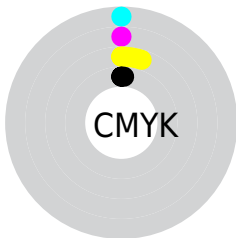
Distribution



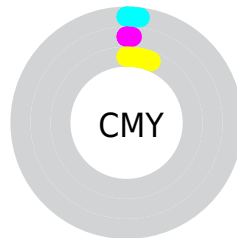
- Red (98%)
- Green (99%)
- Blue (94%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.3620, 0.3197, 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 96.3620, 0.3197, 0.3417 by changing the saturation by 10% instead.


 96.3620, 0.3197,
0.3417

 96.3620, 0.3197,
0.3417

548.5161, 0.3166,
0.3361

 73.2691, 0.3204,
0.3429


156.1449, 0.3187,
0.3398

 54.1960, 0.3212,
0.3444


193.6037, 0.3183,
0.3390

 38.7584, 0.3221,
0.3463


236.6199, 0.3179,
0.3384

 26.5718, 0.3234,
0.3486

285.5780, 0.3176,
0.3378

 17.2519, 0.3250,
0.3517

340.8622, 0.3173,
0.3373

 10.4143, 0.3272,
0.3559

402.8571, 0.3171,

 5.6745, 0.3304,

0.3369

0.3621

471.9469, 0.3168,
0.3365

■ 2.6482, 0.3354,
0.3719

■ 0.9509, 0.3501,
0.3967

■ 96.3620, 0.3197,
0.3417

■ 96.3620, 0.3197,
0.3417

■ 94.5975, 0.3335,
0.3670

■ 97.7415, 0.3116,
0.3262

■ 93.0322, 0.3473,
0.3929

■ 98.1152, 0.3128,
0.3262

■ 91.6610, 0.3608,
0.4185

■ 90.4741, 0.3733,
0.4429

■ 89.4608, 0.3843,
0.4650

■ 88.6092, 0.3933,
0.4839

■ 87.9058, 0.3997,
0.4987

■ 87.3350, 0.4035,
0.5091

■ 86.8775, 0.4048,
0.5150

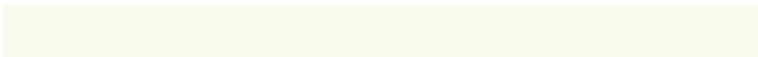
Harmonies

Analogous

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



96.3620, 0.3250, 0.3403



96.3620, 0.3197, 0.3417



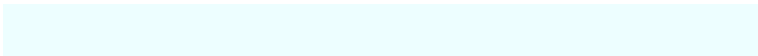
96.3620, 0.3125, 0.3396

Triad

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



96.3620, 0.3197, 0.3417



96.3620, 0.2986, 0.3219



96.3620, 0.3199, 0.3235

Complementary

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



96.3620, 0.3197, 0.3417



87.2805, 0.3055, 0.3160

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.



96.3620, 0.3128, 0.3187



96.3620, 0.3197, 0.3417



96.3620, 0.3005, 0.3178

Square

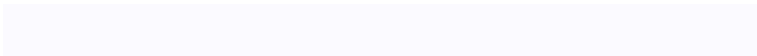
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



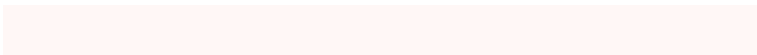
96.3620, 0.3197, 0.3417



96.3620, 0.3004, 0.3281



96.3620, 0.3057, 0.3166



96.3620, 0.3252, 0.3297

Rectangle

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



96.3620, 0.3197, 0.3417



96.3620, 0.3077, 0.3366



96.3620, 0.3057, 0.3166



96.3620, 0.3177, 0.3217

Sweetspot

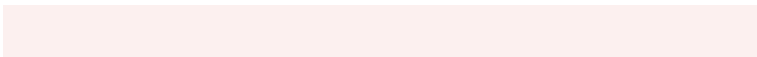
The Sweet Spot groups the original color and five complimentary colors.



96.3662, 0.3197, 0.3417



99.5966, 0.3154, 0.3339



89.1586, 0.3213, 0.3299



21.3220, 0.3153, 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.



96.3662, 0.3197, 0.3417



98.8163, 0.3208, 0.3438



95.2114, 0.3157, 0.3419



20.2227, 0.3217, 0.3454



45.1765, 0.4050, 0.5166



4.2049, 0.4068, 0.5152

Inverse Universe

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



87.2805, 0.3055, 0.3160



88.0564, 0.3043, 0.3139



88.4071, 0.3096, 0.3162



17.7936, 0.3034, 0.3122



3.7667, 0.1526, 0.0614



0.3715, 0.1584, 0.0646

Previews

White Background



This preview shows how the Yxy color 96.3620, 0.3197, 0.3417 looks on a white background.

Color Contrast Check

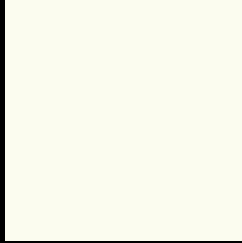
Large Text (above 18pt) WCAG AA × Fail

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 96.3620, 0.3197, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

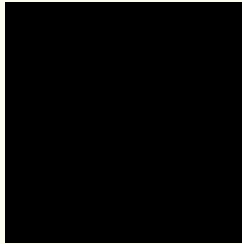
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.3620, 0.3197, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 96.3620, 0.3197, 0.3417.



This preview shows how white text looks on a background with the Yxy color 96.3620, 0.3197, 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

96.3620, 0.3197, 0.3417

Protanopia

96.1629, 0.3194, 0.3348

Deuteranopia

96.5333, 0.3159, 0.3290

Tritanopia

96.2867, 0.3111, 0.3242

Trichromacy



Original Color

96.3620, 0.3197, 0.3417

Protanomaly

96.4760, 0.3199, 0.3377

Deuteranomaly

96.7190, 0.3176, 0.3338

Tritanomaly

96.5294, 0.3145, 0.3309

Monochromacy



Original Color

96.3620, 0.3197, 0.3417



Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.9722, 0.3150, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.3620, 0.3197, 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(251, 252, 239)` looks like.

```
.text, #text, p{  
    color:rgb(251, 252, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 252, 239) }
```

Border

The CSS property to change the border of an element to Yxy 96.3620, 0.3197, 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(251, 252, 239) }
```

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

```
.border{ border-color:rgb(251, 252, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 252, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 252, 239);  
box-shadow:4px 4px 4px 4px rgb(251, 252,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 96.3620, 0.3197, 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(251, 252, 239) }
```

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

```
.background{ background-color: rgb(251,  
252, 239) }
```

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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