

Converting Colors

$Yxy(95.6065, 0.3228, 0.3429)$

Have a look what the booklet for
Yxy(95.6065, 0.3228, 0.3429)
contains.

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Color

Yxy(95.3100, 0.3230, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	FDFAEC
RGB	253, 250, 236
RGB Percent	99%, 98%, 93%
CMY	0.0075, 0.0197, 0.0744
CMYK	0.00, 0.01, 0.07, 0.01
HSL	49°, 82%, 96%
HSV	49°, 7%, 99%
XYZ	89.8574, 95.3100, 93.0288
YIQ	249.3010, 6.2820, -3.7180

Conversions

Conversions Part 2

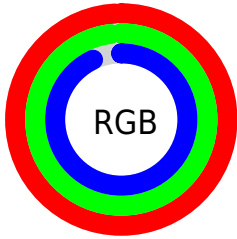
Format	Color
R _Y B	240, 253, 236
Decimal	16644844
CIE Lab	98.16, -1.33, 7.04
CIE LCh	98, 7.168, 100.683
Yxy	95.3100, 0.3230, 0.3426
Android (android.graphics.Color)	4294834924 (0xFFFDFAEC)
YUV	249.3010, -6.5574, 3.2440
Hunter-Lab	97.6268, -6.5526, 11.8412

Details

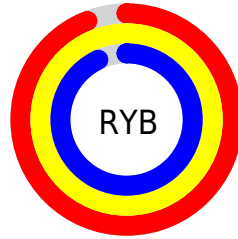
The Yxy color 95.3100, 0.3230, 0.3426 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.7346, 0.3023, 0.3150, and the grayscale version is 95.0549, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.6146, 0.3249, 0.3464 is the 20% darker color. If you saturate the color by 10%, you get 91.1224, 0.3392, 0.3635, and if you desaturate by 10%, it is 99.3699, 0.3115, 0.3286.

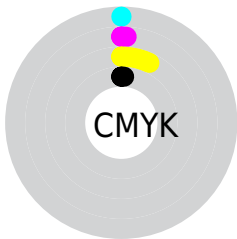
Distribution



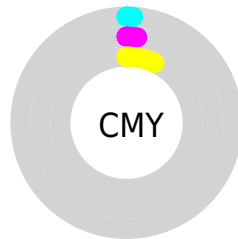
- Red (99%)
- Green (98%)
- Blue (93%)



- Red (94%)
- Yellow (99%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.3100, 0.3230, 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 95.3100, 0.3230, 0.3426 by changing the saturation by 10% instead.


 95.3100, 0.3230,
0.3426

 95.3100, 0.3230,
0.3426


545.1569, 0.3185,
0.3366

 72.3930, 0.3240,
0.3439


154.6928, 0.3215,
0.3406

 53.4798, 0.3252,
0.3455


191.9274, 0.3209,
0.3398

 38.1859, 0.3266,
0.3475


234.7034, 0.3203,
0.3391

 26.1270, 0.3285,
0.3500

283.4051, 0.3199,
0.3384

 16.9187, 0.3310,
0.3533

338.4169, 0.3195,
0.3379

 10.1765, 0.3343,
0.3578

400.1232, 0.3191,

 5.5162, 0.3391,

0.3374

0.3644

468.9084, 0.3188,
0.3370

■ 2.5532, 0.3467,
0.3748

■ 0.9032, 0.3720,
0.4069

■ 95.3100, 0.3230,
0.3426

■ 95.3100, 0.3230,
0.3426

■ 91.1224, 0.3392,
0.3635

99.3699, 0.3115,
0.3286

■ 87.1996, 0.3562,
0.3848

99.6380, 0.3115,
0.3290

■ 83.5359, 0.3738,
0.4058

■ 80.1208, 0.3913,
0.4258

■ 76.9427, 0.4081,
0.4436

■ 73.9889, 0.4234,
0.4583

■ 71.2450, 0.4366,
0.4688

■ 68.6944, 0.4469,
0.4748

■ 66.3159, 0.4543,
0.4761

Harmonies

Analogous

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



95.3100, 0.3275, 0.3396



95.3100, 0.3230, 0.3426



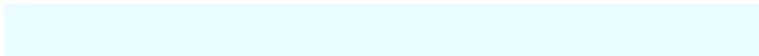
95.3100, 0.3158, 0.3419

Triad

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



95.3100, 0.3230, 0.3426



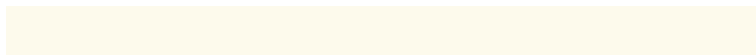
95.3100, 0.2977, 0.3239



95.3100, 0.3175, 0.3206

Complementary

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



95.3100, 0.3230, 0.3426



86.7346, 0.3023, 0.3150

Split Complementary

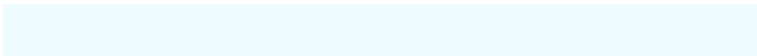
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.3100, 0.3095, 0.3165



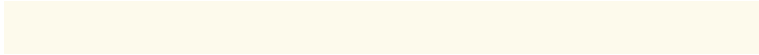
95.3100, 0.3230, 0.3426



95.3100, 0.2982, 0.3183

Square

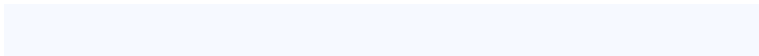
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.3100, 0.3230, 0.3426



95.3100, 0.3013, 0.3310



95.3100, 0.3024, 0.3156



95.3100, 0.3243, 0.3269

Rectangle

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



95.3100, 0.3230, 0.3426



95.3100, 0.3105, 0.3394



95.3100, 0.3024, 0.3156



95.3100, 0.3149, 0.3190

Sweetspot

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



95.3142, 0.3230, 0.3426



99.0860, 0.3157, 0.3330



87.1390, 0.3222, 0.3260



21.2181, 0.3156, 0.3328



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.



95.3142, 0.3230, 0.3426



96.4126, 0.3250, 0.3452



96.2567, 0.3193, 0.3457



20.4962, 0.3274, 0.3483



35.0526, 0.4556, 0.4764



3.5524, 0.4507, 0.4803

Inverse Universe

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



86.7346, 0.3023, 0.3150



86.1422, 0.3003, 0.3123



85.8724, 0.3059, 0.3121



17.9115, 0.2979, 0.3089



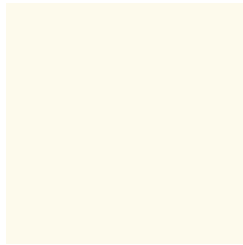
4.9602, 0.1546, 0.0765



0.6203, 0.1597, 0.0948

Previews

White Background



This preview shows how the Yxy color 95.3100, 0.3230, 0.3426 looks on a white background.

Color Contrast Check

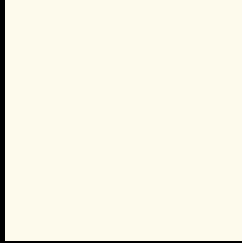
Large Text (above 18pt) WCAG AA × Fail

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 95.3100, 0.3230, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

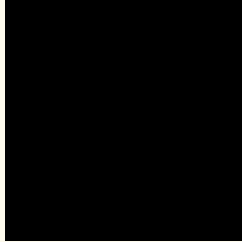
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.3100, 0.3230, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 95.3100, 0.3230, 0.3426.

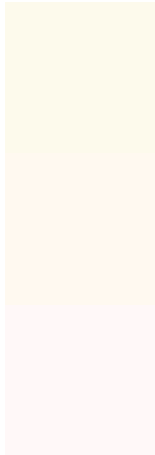


This preview shows how white text looks on a background with the Yxy color 95.3100, 0.3230, 0.3426.

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



Original Color

95.3100, 0.3230, 0.3426

Protanopia

95.3026, 0.3219, 0.3377

Deuteranopia

95.1721, 0.3172, 0.3290

Tritanopia

95.0503, 0.3111, 0.3223

Trichromacy

A vertical color bar on the left side of the Trichromacy section, transitioning from yellow at the top to light beige at the bottom.

Original Color

95.3100, 0.3230, 0.3426

Protanomaly

95.0542, 0.3219, 0.3387

Deuteranomaly

95.3538, 0.3189, 0.3338

Tritanomaly

95.2241, 0.3152, 0.3300

Monochromacy

A vertical color bar on the left side of the Monochromacy section, transitioning from yellow at the top to light grey at the bottom.

Original Color

95.3100, 0.3230, 0.3426

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.6070, 0.3163, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3100, 0.3230, 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 $\text{rgb}(253, 250, 236)$ looks like.

```
.text, #text, p{  
    color:rgb(253, 250, 236)  
}
```

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(253, 250, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 250, 236) }
```

Border

The CSS property to change the border of an element to Yxy 95.3100, 0.3230, 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(253, 250, 236) }
```

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

```
.border{ border-color:rgb(253, 250, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 250, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 250, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 250, 236);  
box-shadow:4px 4px 4px 4px rgb(253, 250,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3100, 0.3230, 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(253, 250, 236) }
```

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

```
.background{ background-color: rgb(253,  
250, 236) }
```

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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