

Converting Colors

$Yxy(94.9163, 0.3216, 0.3437)$

Have a look what the booklet for
Yxy(94.9163, 0.3216, 0.3437)
contains.

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Color

Yxy(94.6934, 0.3216, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	FAFAEB
RGB	250, 250, 235
RGB Percent	98%, 98%, 92%
CMY	0.0196, 0.0196, 0.0784
CMYK	0.00, 0.00, 0.06, 0.02
HSL	60°, 60%, 95%
HSV	60°, 6%, 98%
XYZ	88.6046, 94.6934, 92.2138
YIQ	248.2900, 4.8150, -4.6650

Conversions

Conversions Part 2

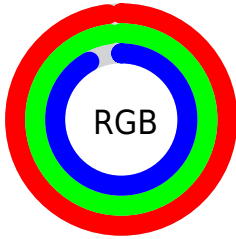
Format	Color
R _Y B	235, 250, 235
Decimal	16448235
CIE Lab	97.91, -2.56, 7.17
CIE LCh	98, 7.616, 109.614
Yxy	94.6934, 0.3216, 0.3437
Android (android.graphics.Color)	4294638315 (0xFFFAFAEB)
YUV	248.2900, -6.5520, 1.4997
Hunter-Lab	97.3105, -7.7630, 11.9327

Details

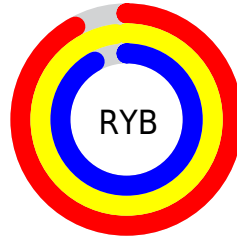
The Yxy color 94.6934, 0.3216, 0.3437 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.9938, 0.3036, 0.3139, and the grayscale version is 94.1731, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.3076, 0.3240, 0.3477 is the 20% darker color. If you saturate the color by 10%, you get 93.3480, 0.3368, 0.3688, and if you desaturate by 10%, it is 95.9229, 0.3098, 0.3242.

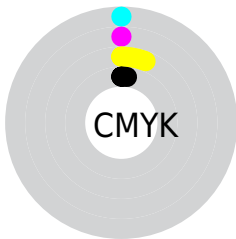
Distribution



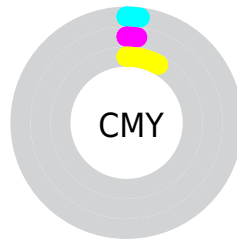
- Red (98%)
- Green (98%)
- Blue (92%)



- Red (92%)
- Yellow (98%)
- Blue (92%)



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





- Cyan (2%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6934, 0.3216, 0.3437 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 94.6934, 0.3216, 0.3437 by changing the saturation by 10% instead.


 94.6934, 0.3216,
0.3437

 94.6934, 0.3216,
0.3437


543.1830, 0.3177,
0.3372

 71.8798, 0.3224,
0.3451

153.8410, 0.3203,
0.3415

 53.0605, 0.3235,
0.3469

190.9437, 0.3198,
0.3406

 37.8511, 0.3247,
0.3490


233.5783, 0.3193,
0.3399

 25.8671, 0.3264,
0.3518

282.1292, 0.3189,
0.3392

 16.7243, 0.3285,
0.3554

336.9807, 0.3186,
0.3386

 10.0381, 0.3313,
0.3603

398.5172, 0.3182,

 5.4242, 0.3354,

0.3381

0.3676

467.1232, 0.3180,
0.3376

■ 2.4983, 0.3419,
0.3793

■ 0.8758, 0.3671,
0.4175

■ 94.6934, 0.3216,
0.3437

■ 94.6934, 0.3216,
0.3437

■ 93.3480, 0.3368,
0.3688

■ 95.9229, 0.3098,
0.3242

■ 92.1932, 0.3521,
0.3941


■ 95.9272, 0.3098,
0.3242


■ 91.2240, 0.3670,
0.4188

■ 95.9316, 0.3098,
0.3242


■ 90.4308, 0.3809,
0.4419

■ 95.9359, 0.3099,
0.3242


 89.8029, 0.3932,
0.4623


 95.9402, 0.3099,
0.3242


 89.3286, 0.4034,
0.4792


 95.9446, 0.3099,
0.3242

 88.9946, 0.4111,
0.4920

 95.9489, 0.3099,
0.3242

 88.7853, 0.4161,
0.5003

 95.9533, 0.3099,
0.3242

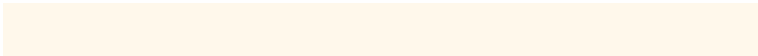
 88.6815, 0.4186,
0.5045

 95.9576, 0.3099,
0.3242

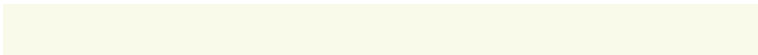
Harmonies

Analogous

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



94.6934, 0.3274, 0.3416



94.6934, 0.3216, 0.3437



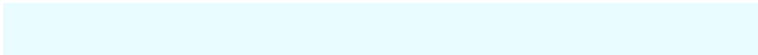
94.6934, 0.3135, 0.3418

Triad

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



94.6934, 0.3216, 0.3437



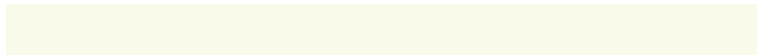
94.6934, 0.2965, 0.3215



94.6934, 0.3202, 0.3219

Complementary

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



94.6934, 0.3216, 0.3437



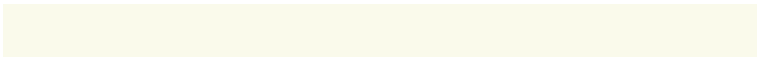
83.9938, 0.3036, 0.3139

Split Complementary

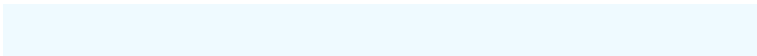
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.6934, 0.3118, 0.3167



94.6934, 0.3216, 0.3437



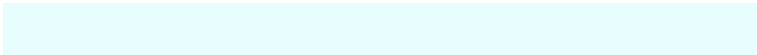
94.6934, 0.2982, 0.3164

Square

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



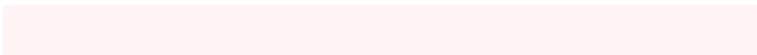
94.6934, 0.3216, 0.3437



94.6934, 0.2990, 0.3288



94.6934, 0.3038, 0.3147



94.6934, 0.3266, 0.3290

Rectangle

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



94.6934, 0.3216, 0.3437



94.6934, 0.3078, 0.3384



94.6934, 0.3038, 0.3147



94.6934, 0.3175, 0.3199

Sweetspot

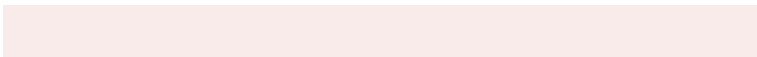
The Sweet Spot groups the original color and five complimentary colors.



94.6975, 0.3216, 0.3437



99.6749, 0.3157, 0.3339



85.7487, 0.3228, 0.3290



21.3379, 0.3155, 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.



94.6975, 0.3216, 0.3437



98.9000, 0.3231, 0.3462



93.3425, 0.3168, 0.3439



20.2468, 0.3240, 0.3477



47.0242, 0.4192, 0.5054



4.3555, 0.4192, 0.5054

Inverse Universe

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



83.9938, 0.3036, 0.3139



85.9085, 0.3020, 0.3112



85.2947, 0.3085, 0.3141



17.3727, 0.3010, 0.3096



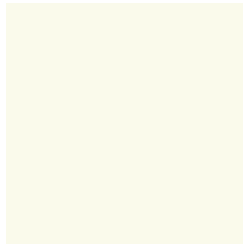
3.6622, 0.1500, 0.0600



0.3395, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 94.6934, 0.3216, 0.3437 looks on a white background.

Color Contrast Check

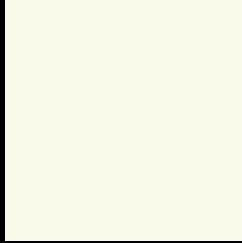
Large Text (above 18pt) WCAG AA × Fail

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 94.6934, 0.3216, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

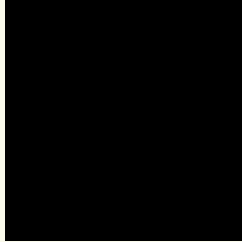
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.6934, 0.3216, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 94.6934, 0.3216, 0.3437.

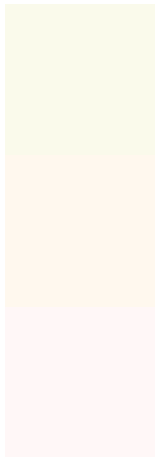


This preview shows how white text looks on a background with the Yxy color 94.6934, 0.3216, 0.3437.

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

94.6934, 0.3216, 0.3437

Protanopia

94.5678, 0.3232, 0.3387

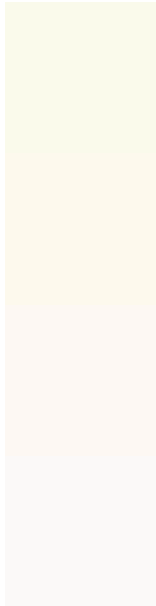
Deuteranopia

94.4969, 0.3178, 0.3290

Tritanopia

94.8640, 0.3105, 0.3223

Trichromacy



Original Color

94.6934, 0.3216, 0.3437

Protanomaly

94.7484, 0.3224, 0.3407

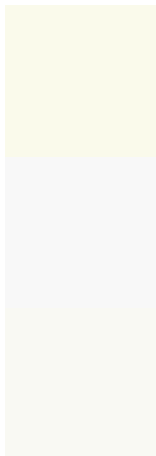
Deuteranomaly

94.4885, 0.3189, 0.3339

Tritanomaly

95.0379, 0.3146, 0.3300

Monochromacy



Original Color

94.6934, 0.3216, 0.3437

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.3622, 0.3163, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6934, 0.3216, 0.3437 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, 250, 235)` looks like.

```
.text, #text, p{  
    color:rgb(250, 250, 235)  
}
```

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, 250, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 250, 235) }
```

Border

The CSS property to change the border of an element to Yxy 94.6934, 0.3216, 0.3437 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, 250, 235) }
```

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

```
.border{ border-color:rgb(250, 250, 235) }
```

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

Here you see how a box with a 4 pixel rgb(250, 250, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 250, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 250, 235);  
box-shadow:4px 4px 4px 4px rgb(250, 250,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6934, 0.3216, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 250, 235) }
```

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

```
.background{ background-color: rgb(250,  
250, 235) }
```

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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