

Converting Colors

$Y_{xy}(96.8711, 0.3298, 0.3374)$

Have a look what the booklet for
Yxy(96.8711, 0.3298, 0.3374)
contains.

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Color

Yxy(94.6268, 0.3226, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8EF
RGB	255, 248, 239
RGB Percent	100%, 97%, 94%
CMY	0.0000, 0.0275, 0.0626
CMYK	0.00, 0.03, 0.06, 0.00
HSL	34°, 100%, 97%
HSV	34°, 6%, 100%
XYZ	90.3956, 94.6268, 95.1872
YIQ	249.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

Format	Color
R_{YB}	251, 255, 239
Decimal	16775407
CIE _{Lab}	97.88, 0.83, 5.12
CIE _{LCh}	98, 5.182, 80.810
Yxy	94.6268, 0.3226, 0.3377
Android (android.graphics.Color)	4294965487 (0xFFFFF8EF)
YUV	249.0670, -4.9630, 5.2032
Hunter-Lab	97.2763, -4.3594, 10.0767

Details

The Yxy color 94.6268, 0.3226, 0.3377 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.5105, 0.3031, 0.3201, and the grayscale version is 94.8281, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.1239, 0.3245, 0.3401 is the 20% darker color. If you saturate the color by 10%, you get 86.5523, 0.3400, 0.3523, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

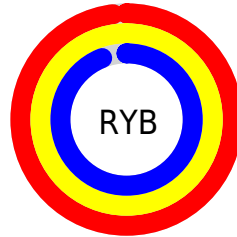
Distribution



Red (100%)

Green (97%)

Blue (94%)



Red (98%)

Yellow (100%)

Blue (94%)



Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6268, 0.3226, 0.3377 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 94.6268, 0.3226, 0.3377 by changing the saturation by 10% instead.


 94.6268, 0.3226,
0.3377

 94.6268, 0.3226,
0.3377

542.9695, 0.3182,
0.3339

 71.8244, 0.3236,
0.3385


153.7489, 0.3211,
0.3364

 53.0152, 0.3247,
0.3395


190.8374, 0.3205,
0.3359

 37.8149, 0.3261,
0.3408


233.4567, 0.3200,
0.3354

 25.8391, 0.3280,
0.3424

281.9913, 0.3196,
0.3351

 16.7033, 0.3304,
0.3445

336.8254, 0.3192,
0.3347

 10.0232, 0.3336,
0.3473

398.3436, 0.3188,

 5.4143, 0.3384,

0.3344

0.3514

466.9302, 0.3185,
0.3341

■ 2.4924, 0.3460,
0.3579

■ 0.8728, 0.3670,
0.3770

■ 94.6268, 0.3226,
0.3377

■ 94.6268, 0.3226,
0.3377

■ 86.5523, 0.3400,
0.3523

100.0000, 0.3127,
0.3290

■ 79.0845, 0.3596,
0.3674

■ 72.2076, 0.3813,
0.3826

■ 65.9037, 0.4048,
0.3972

■ 60.1540, 0.4297,
0.4102

■ 54.9382, 0.4548,
0.4205

■ 50.2339, 0.4791,
0.4268

■ 46.0163, 0.5010,
0.4280

■ 42.2561, 0.5192,
0.4237

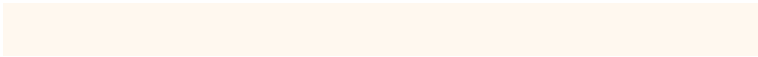
Harmonies

Analogous

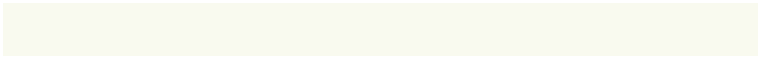
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6268, 0.3240, 0.3341



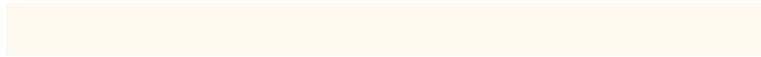
94.6268, 0.3226, 0.3377



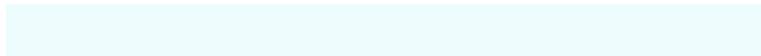
94.6268, 0.3186, 0.3390

Triad

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



94.6268, 0.3226, 0.3377



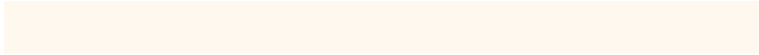
94.6268, 0.3033, 0.3287



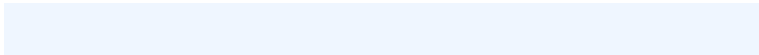
94.6268, 0.3124, 0.3207

Complementary

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



94.6268, 0.3226, 0.3377



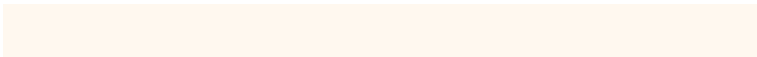
91.5105, 0.3031, 0.3201

Split Complementary

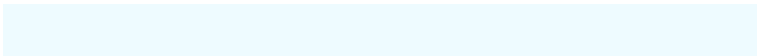
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.6268, 0.3068, 0.3192



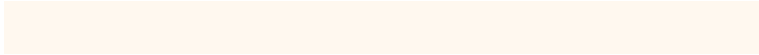
94.6268, 0.3226, 0.3377



94.6268, 0.3016, 0.3238

Square

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



94.6268, 0.3226, 0.3377



94.6268, 0.3074, 0.3338



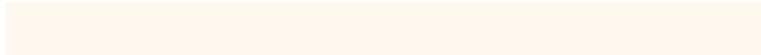
94.6268, 0.3029, 0.3203



94.6268, 0.3180, 0.3243

Rectangle

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



94.6268, 0.3226, 0.3377



94.6268, 0.3150, 0.3383



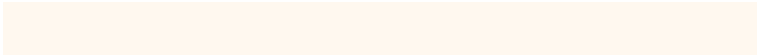
94.6268, 0.3029, 0.3203



94.6268, 0.3104, 0.3199

Sweetspot

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



94.6276, 0.3226, 0.3377



98.2570, 0.3158, 0.3317



89.6806, 0.3188, 0.3221



21.0494, 0.3156, 0.3316



0.0000, 0.0000, 0.0000



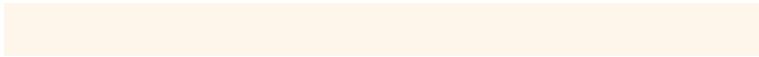
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6276, 0.3226, 0.3377



93.1789, 0.3255, 0.3402



98.8630, 0.3215, 0.3444



19.6791, 0.3280, 0.3423



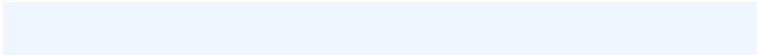
21.7022, 0.5231, 0.4229



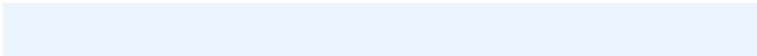
2.3308, 0.5080, 0.4349

Inverse Universe

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



91.5105, 0.3031, 0.3201



89.2431, 0.3003, 0.3176



87.4693, 0.3036, 0.3132



18.6886, 0.2979, 0.3153



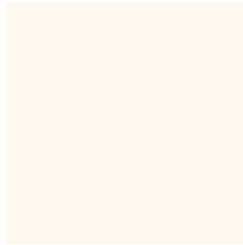
10.0941, 0.1715, 0.1375



1.1959, 0.1776, 0.1594

Previews

White Background



This preview shows how the Yxy color 94.6268, 0.3226, 0.3377 looks on a white background.

Color Contrast Check

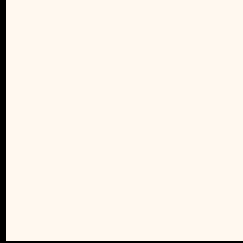
Large Text (above 18pt) WCAG AA × Fail

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 94.6268, 0.3226, 0.3377 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 94.6268, 0.3226, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 94.6268, 0.3226, 0.3377.



This preview shows how white text looks on a background with the Yxy color 94.6268, 0.3226, 0.3377.

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

94.6268, 0.3226, 0.3377

Protanopia

94.6861, 0.3220, 0.3368

Deuteranopia

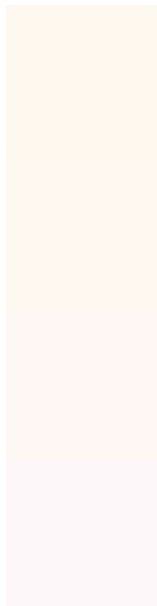
94.4969, 0.3178, 0.3290



Tritanopia

94.6242, 0.3118, 0.3213

Trichromacy



Original Color

94.6268, 0.3226, 0.3377

Protanomaly

94.6861, 0.3220, 0.3368

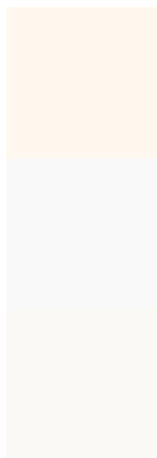
Deuteranomaly

94.3132, 0.3197, 0.3319

Tritanomaly

94.4319, 0.3160, 0.3271

Monochromacy



Original Color

94.6268, 0.3226, 0.3377

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.8532, 0.3164, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6268, 0.3226, 0.3377 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(255, 248, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 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(255, 248, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 239) }
```

Border

The CSS property to change the border of an element to Yxy 94.6268, 0.3226, 0.3377 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(255, 248, 239) }
```

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

```
.border{ border-color:rgb(255, 248, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6268, 0.3226, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 239) }
```

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

```
.background{ background-color: rgb(255,  
248, 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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