

Converting Colors

Yxy(95.6314, 0.3266, 0.3467)

Have a look what the booklet for
Yxy(95.6314, 0.3266, 0.3467)
contains.

| | |
|---|----|
| Yxy(95.4574, 0.3267, 0.3465) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(95.4574, 0.3267, 0.3465)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFFAE8 |
| RGB | 255, 250, 232 |
| RGB Percent | 100%, 98%, 91% |
| CMY | 0.0000, 0.0196, 0.0902 |
| CMYK | 0.00, 0.02, 0.09, 0.00 |
| HSL | 47°, 100%, 95% |
| HSV | 47°, 9%, 100% |
| XYZ | 90.0027, 95.4574, 90.0302 |
| YIQ | 249.4430, 8.7580, -4.5380 |

Conversions

Conversions Part 2

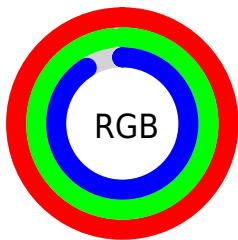
| Format | Color |
|-------------------------------------|--|
| RYB | 238, 255, 232 |
| Decimal | 16775912 |
| CIELab | 98.22, -1.32, 9.21 |
| CIElCh | 98, 9.300, 98.147 |
| Yxy | 95.4574, 0.3267, 0.3465 |
| Android (android.graphics.Color) | 4294965992 (0xFFFFFAE8) |
| YUV | 249.4430, -8.5994, 4.8735 |
| Hunter-Lab | 97.7023, -6.5461, 13.7574 |

Details

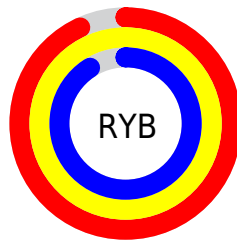
The Yxy color 95.4574, 0.3267, 0.3465 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.9542, 0.2987, 0.3109, and the grayscale version is 95.1782, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.7239, 0.3297, 0.3513 is the 20% darker color. If you saturate the color by 10%, you get 90.7079, 0.3433, 0.3667, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

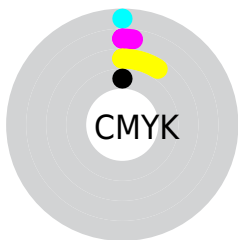
Distribution



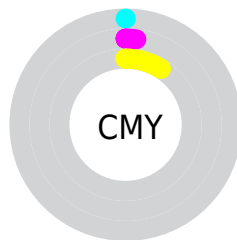
- Red (100%)
- Green (98%)
- Blue (91%)



- Red (93%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.4574, 0.3267, 0.3465 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 95.4574, 0.3267, 0.3465 by changing the saturation by 10% instead.


 95.4574, 0.3267,
0.3465

 95.4574, 0.3267,
0.3465


545.6283, 0.3205,
0.3388

 72.5157, 0.3280,
0.3482


154.8964, 0.3246,
0.3439

 53.5801, 0.3297,
0.3502


192.1625, 0.3238,
0.3428

 38.2660, 0.3317,
0.3528


234.9721, 0.3231,
0.3419

 26.1892, 0.3342,
0.3560

283.7098, 0.3225,
0.3412

 16.9653, 0.3375,
0.3602

338.7599, 0.3219,
0.3405

 10.2097, 0.3420,
0.3660

400.5067, 0.3214,

 5.5382, 0.3485,

0.3398

0.3744

469.3347, 0.3210,
0.3393

■ 2.5664, 0.3587,
0.3876

■ 0.9098, 0.3985,
0.4355

■ 95.4574, 0.3267,
0.3465

■ 95.4574, 0.3267,
0.3465

■ 90.7079, 0.3433,
0.3667

100.0000, 0.3127,
0.3290

■ 86.2639, 0.3609,
0.3872

■ 82.1114, 0.3791,
0.4073

■ 78.2391, 0.3974,
0.4262

■ 74.6345, 0.4150,
0.4428

■ 71.2839, 0.4312,
0.4562

■ 68.1720, 0.4451,
0.4652

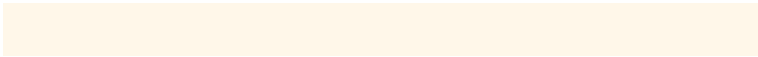
■ 65.2804, 0.4561,
0.4695

■ 62.5826, 0.4642,
0.4692

Harmonies

Analogous

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



95.4574, 0.3321, 0.3422



95.4574, 0.3267, 0.3465



95.4574, 0.3176, 0.3461

Triad

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



95.4574, 0.3267, 0.3465



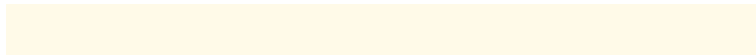
95.4574, 0.2936, 0.3230



95.4574, 0.3180, 0.3176

Complementary

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



95.4574, 0.3267, 0.3465



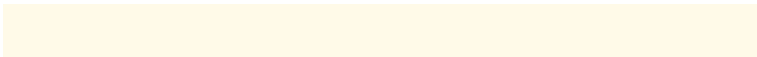
84.9542, 0.2987, 0.3109

Split Complementary

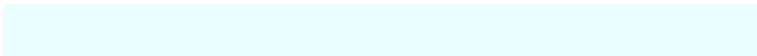
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4574, 0.3077, 0.3126



95.4574, 0.3267, 0.3465



95.4574, 0.2937, 0.3156

Square

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



95.4574, 0.3267, 0.3465



95.4574, 0.2985, 0.3323



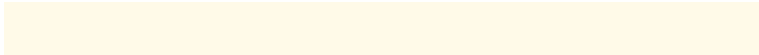
95.4574, 0.2988, 0.3118



95.4574, 0.3271, 0.3255

Rectangle

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



95.4574, 0.3267, 0.3465



95.4574, 0.3106, 0.3431



95.4574, 0.2988, 0.3118



95.4574, 0.3146, 0.3155

Sweetspot

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



95.4538, 0.3267, 0.3465



98.4588, 0.3172, 0.3347



85.1142, 0.3250, 0.3238



20.9871, 0.3185, 0.3363



0.0000, 0.0000, 0.0000



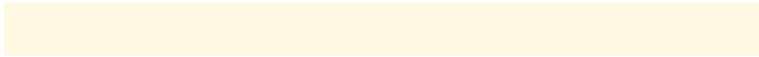
21.4041, 0.3127, 0.3290

Same Dimension

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



95.4538, 0.3267, 0.3465



94.4879, 0.3299, 0.3505



97.4623, 0.3222, 0.3515



20.3799, 0.3275, 0.3475



32.7954, 0.4640, 0.4698



3.3516, 0.4579, 0.4746

Inverse Universe

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



84.9542, 0.2987, 0.3109



81.8535, 0.2954, 0.3066



83.1392, 0.3026, 0.3060



18.0189, 0.2979, 0.3098



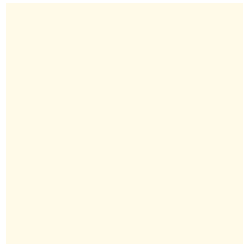
5.4035, 0.1562, 0.0824



0.6782, 0.1617, 0.1022

Previews

White Background



This preview shows how the Yxy color 95.4574, 0.3267, 0.3465 looks on a white background.

Color Contrast Check

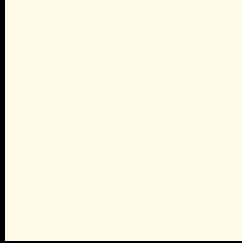
Large Text (above 18pt) WCAG AA × Fail

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 95.4574, 0.3267, 0.3465 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 95.4574, 0.3267, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 95.4574, 0.3267, 0.3465.

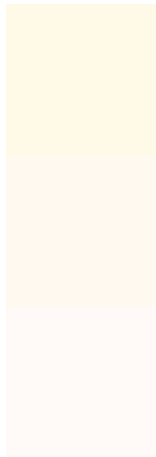


This preview shows how white text looks on a background with the Yxy color 95.4574, 0.3267, 0.3465.

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

95.4574, 0.3267, 0.3465

Protanopia

95.2434, 0.3225, 0.3387

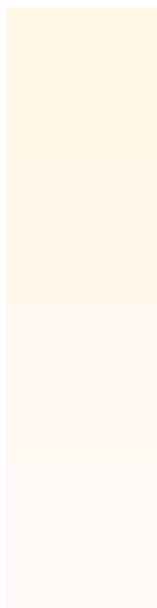
Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

95.2374, 0.3118, 0.3223

Trichromacy



Original Color

95.4574, 0.3267, 0.3465

Protanomaly

95.0675, 0.3243, 0.3416

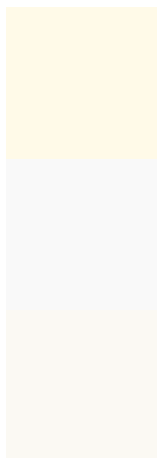
Deuteranomaly

95.4222, 0.3207, 0.3358

Tritanomaly

95.5376, 0.3171, 0.3309

Monochromacy



Original Color

95.4574, 0.3267, 0.3465

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.7317, 0.3175, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4574, 0.3267, 0.3465 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, 250, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 232)  
}
```

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, 250, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 232) }
```

Border

The CSS property to change the border of an element to Yxy 95.4574, 0.3267, 0.3465 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, 250, 232) }
```

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

```
.border{ border-color:rgb(255, 250, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4574, 0.3267, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 232) }
```

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

```
.background{ background-color: rgb(255,  
250, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor