

Converting Colors

$Y_{xy}(94.3725, 0.3270, 0.3466)$

Have a look what the booklet for
Yxy(94.3725, 0.3270, 0.3466)
contains.

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Color

Yxy(94.5917, 0.3267, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	FEF9E7
RGB	254, 249, 231
RGB Percent	100%, 98%, 91%
CMY	0.0041, 0.0235, 0.0941
CMYK	0.00, 0.02, 0.09, 0.00
HSL	47°, 92%, 95%
HSV	47°, 9%, 100%
XYZ	89.1607, 94.5917, 89.1607
YIQ	248.4430, 8.7580, -4.5380

Conversions

Conversions Part 2

Format	Color
R_{YB}	237, 254, 231
Decimal	16710119
CIE Lab	97.87, -1.36, 9.22
CIE LCh	98, 9.316, 98.401
Yxy	94.5917, 0.3267, 0.3466
Android (android.graphics.Color)	4294900199 (0xFFFEF9E7)
YUV	248.4430, -8.5994, 4.8735
Hunter-Lab	97.2583, -6.5635, 13.7272

Details

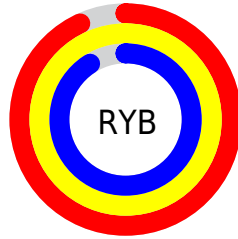
The Yxy color 94.5917, 0.3267, 0.3466 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.0992, 0.2986, 0.3108, and the grayscale version is 94.3154, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.1054, 0.3298, 0.3514 is the 20% darker color. If you saturate the color by 10%, you get 89.9347, 0.3433, 0.3668, and if you desaturate by 10%, it is 99.4730, 0.3121, 0.3285.

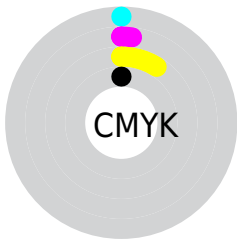
Distribution



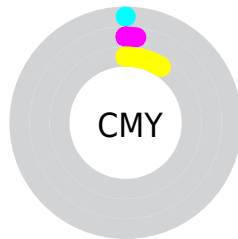
- Red (100%)
- Green (98%)
- Blue (91%)



- 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 94.5917, 0.3267, 0.3466 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 94.5917, 0.3267, 0.3466 by changing the saturation by 10% instead.

 94.5917, 0.3267,
0.3466

 94.5917, 0.3267,
0.3466


542.8570, 0.3205,
0.3388

 71.7952, 0.3280,
0.3483


153.7004, 0.3246,
0.3440

 52.9914, 0.3297,
0.3504


190.7814, 0.3238,
0.3429

 37.7959, 0.3317,
0.3529


233.3927, 0.3231,
0.3420

 25.8243, 0.3342,
0.3562

281.9186, 0.3224,
0.3412

 16.6923, 0.3376,
0.3605

336.7436, 0.3219,
0.3405

 10.0153, 0.3421,
0.3663

398.2521, 0.3214,

 5.4091, 0.3487,

0.3399

0.3749

466.8284, 0.3209,
0.3393

■ 2.4892, 0.3590,
0.3884

■ 0.8712, 0.4034,
0.4422

■ 94.5917, 0.3267,
0.3466

■ 94.5917, 0.3267,
0.3466

■ 89.9347, 0.3433,
0.3668

99.4730, 0.3121,
0.3285

■ 85.5701, 0.3609,
0.3874

99.8028, 0.3121,
0.3290

■ 81.4919, 0.3791,
0.4076

■ 77.6887, 0.3973,
0.4265

■ 74.1483, 0.4148,
0.4432

■ 70.8573, 0.4309,
0.4565

■ 67.8003, 0.4446,
0.4656

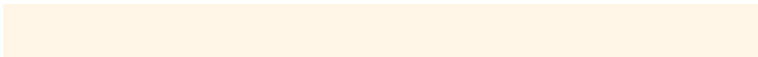
■ 64.9594, 0.4555,
0.4699

■ 62.3082, 0.4635,
0.4697

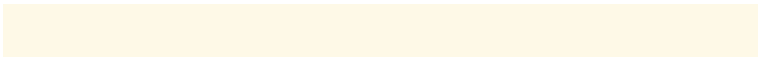
Harmonies

Analogous

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



94.5917, 0.3322, 0.3423



94.5917, 0.3267, 0.3466



94.5917, 0.3175, 0.3461

Triad

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



94.5917, 0.3267, 0.3466



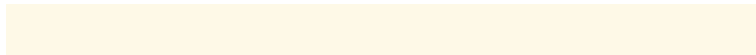
94.5917, 0.2934, 0.3229



94.5917, 0.3181, 0.3176

Complementary

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



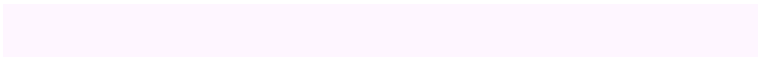
94.5917, 0.3267, 0.3466



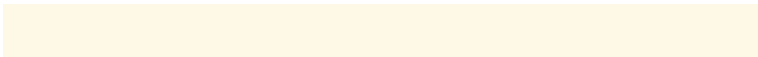
84.0992, 0.2986, 0.3108

Split Complementary

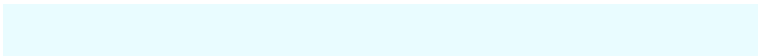
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.5917, 0.3077, 0.3126



94.5917, 0.3267, 0.3466



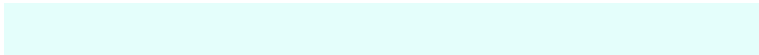
94.5917, 0.2936, 0.3154

Square

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



94.5917, 0.3267, 0.3466



94.5917, 0.2984, 0.3323



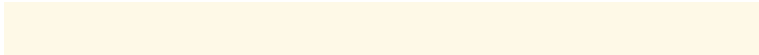
94.5917, 0.2988, 0.3117



94.5917, 0.3272, 0.3256

Rectangle

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



94.5917, 0.3267, 0.3466



94.5917, 0.3105, 0.3431



94.5917, 0.2988, 0.3117



94.5917, 0.3147, 0.3155

Sweetspot

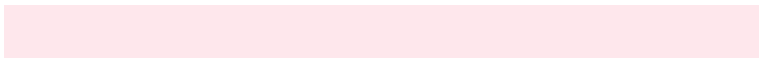
The Sweet Spot groups the original color and five complimentary colors.



94.5958, 0.3267, 0.3466



98.4715, 0.3172, 0.3348



84.2709, 0.3253, 0.3241



20.9906, 0.3185, 0.3363



0.0000, 0.0000, 0.0000



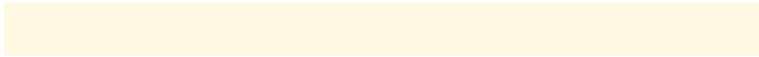
21.4041, 0.3127, 0.3290

Same Dimension

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



94.5958, 0.3267, 0.3466



94.5336, 0.3299, 0.3505



96.4829, 0.3220, 0.3516



20.3884, 0.3275, 0.3475



32.9563, 0.4634, 0.4703



3.3659, 0.4573, 0.4751

Inverse Universe

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



84.0992, 0.2986, 0.3108



81.8115, 0.2954, 0.3065



82.3982, 0.3028, 0.3060



18.0110, 0.2979, 0.3098



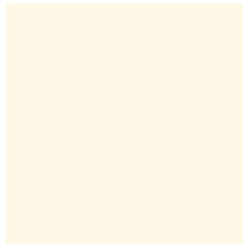
5.3683, 0.1561, 0.0819



0.6738, 0.1616, 0.1016

Previews

White Background



This preview shows how the Yxy color 94.5917, 0.3267, 0.3466 looks on a white background.

Color Contrast Check

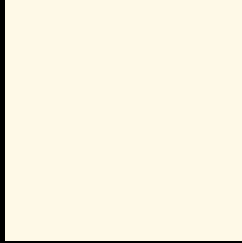
Large Text (above 18pt) WCAG AA × Fail

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 94.5917, 0.3267, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

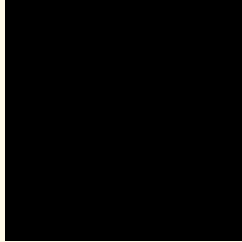
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.5917, 0.3267, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 94.5917, 0.3267, 0.3466.

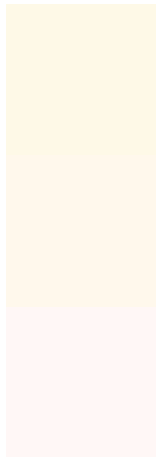


This preview shows how white text looks on a background with the Yxy color 94.5917, 0.3267, 0.3466.

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

94.5917, 0.3267, 0.3466

Protanopia

94.4509, 0.3244, 0.3407

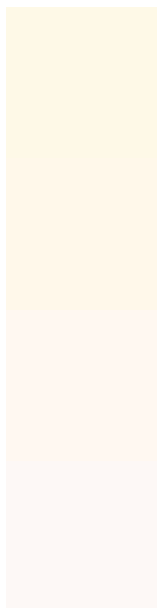
Deuteranopia

94.4353, 0.3185, 0.3300

Tritanopia

94.6242, 0.3118, 0.3213

Trichromacy



Original Color

94.5917, 0.3267, 0.3466

Protanomaly

94.3353, 0.3257, 0.3426

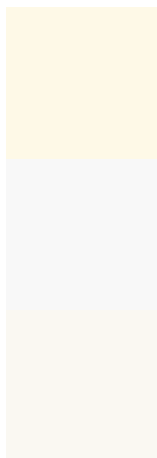
Deuteranomaly

94.7457, 0.3214, 0.3358

Tritanomaly

94.6713, 0.3171, 0.3309

Monochromacy



Original Color

94.5917, 0.3267, 0.3466

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.8696, 0.3176, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5917, 0.3267, 0.3466 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(254, 249, 231)` looks like.

```
.text, #text, p{  
    color:rgb(254, 249, 231)  
}
```

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(254, 249, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 249, 231) }
```

Border

The CSS property to change the border of an element to Yxy 94.5917, 0.3267, 0.3466 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(254, 249, 231) }
```

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

```
.border{ border-color:rgb(254, 249, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 249, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 249, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 249, 231);  
box-shadow:4px 4px 4px 4px rgb(254, 249,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5917, 0.3267, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 249, 231) }
```

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

```
.background{ background-color: rgb(254,  
249, 231) }
```

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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