

Converting Colors

$Yxy(94.2966, 0.3258, 0.3507)$

Have a look what the booklet for
Yxy(94.2966, 0.3258, 0.3507)
contains.

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Color

Yxy(94.2966, 0.3258, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	FAFAE4
RGB	250, 250, 228
RGB Percent	98%, 98%, 89%
CMY	0.0198, 0.0195, 0.1059
CMYK	0.00, 0.00, 0.09, 0.02
HSL	60°, 69%, 94%
HSV	60°, 9%, 98%
XYZ	87.6015, 94.2966, 86.9830
YIQ	247.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

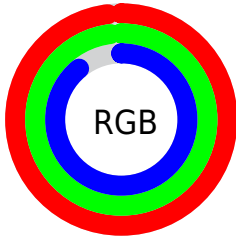
Format	Color
R _Y B	228, 250, 228
Decimal	16448228
CIE Lab	97.75, -3.72, 10.55
CIE LCh	98, 11.184, 109.428
Yxy	94.2966, 0.3258, 0.3507
Android (android.graphics.Color)	4294638308 (0xFFFAFAE4)
YUV	247.4920, -9.6096, 2.1995
Hunter-Lab	97.1064, -8.9082, 14.8655

Details

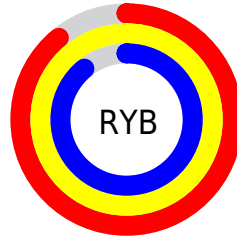
The Yxy color **94.2966, 0.3258, 0.3507** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.8962, 0.2991, 0.3063**, and the grayscale version is **93.5066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.9382, 0.3278, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **92.9976, 0.3410, 0.3760**, and if you desaturate by 10%, it is **95.8047, 0.3110, 0.3261**.

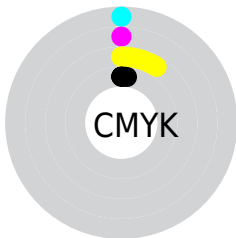
Distribution



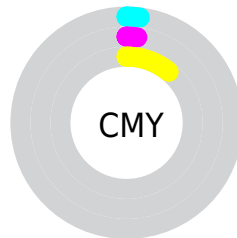
- Red (98%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (89%)



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




- Cyan (2%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.2966, 0.3258, 0.3507 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 94.2966, 0.3258, 0.3507 by changing the saturation by 10% instead.

 94.2966, 0.3258,
0.3507

 94.2966, 0.3258,
0.3507


541.9107, 0.3201,
0.3411

 71.5497, 0.3270,
0.3528


153.2925, 0.3239,
0.3474

 52.7909, 0.3286,
0.3554


190.3102, 0.3231,
0.3461

 37.6359, 0.3304,
0.3586


232.8537, 0.3224,
0.3450

 25.7002, 0.3328,
0.3627

281.3072, 0.3218,
0.3440

 16.5995, 0.3358,
0.3681

336.0553, 0.3213,
0.3431

 9.9494, 0.3400,
0.3755

397.4823, 0.3209,

 5.3654, 0.3459,

0.3424

0.3864

465.9727, 0.3204,
0.3417

■ 2.4632, 0.3550,
0.4037

■ 0.8581, 0.4072,
0.4821

■ 94.2966, 0.3258,
0.3507

■ 94.2966, 0.3258,
0.3507

■ 92.9976, 0.3410,
0.3760

■ 95.8047, 0.3110,
0.3261

■ 91.8867, 0.3562,
0.4012


■ 95.9459, 0.3099,
0.3242

■ 90.9588, 0.3709,
0.4255

■ 95.9594, 0.3099,
0.3242

■ 90.2040, 0.3844,
0.4480


■ 95.9728, 0.3100,
0.3242


 89.6114, 0.3961,
0.4676


 95.9862, 0.3100,
0.3242

 89.1688, 0.4056,
0.4834

 95.9996, 0.3100,
0.3242


 88.8625, 0.4125,
0.4949

 96.0130, 0.3101,
0.3242

 88.6760, 0.4167,
0.5021

 96.0265, 0.3101,
0.3242

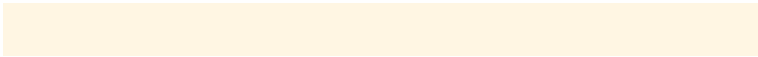
 88.5854, 0.4186,
0.5054

 96.0399, 0.3102,
0.3242

Harmonies

Analogous

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



94.2966, 0.3344, 0.3474



94.2966, 0.3258, 0.3507



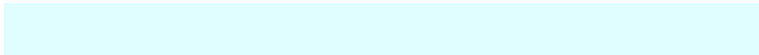
94.2966, 0.3138, 0.3479

Triad

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



94.2966, 0.3258, 0.3507



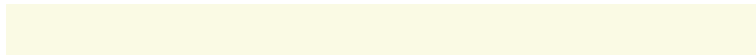
94.2966, 0.2889, 0.3179



94.2966, 0.3236, 0.3186

Complementary

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



94.2966, 0.3258, 0.3507



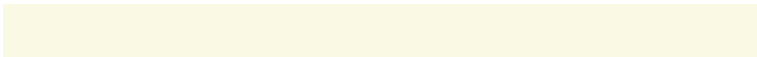
78.8962, 0.2991, 0.3063

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.



94.2966, 0.3112, 0.3110



94.2966, 0.3258, 0.3507



94.2966, 0.2914, 0.3105

Square

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



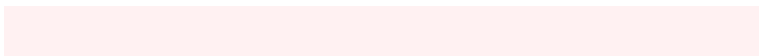
94.2966, 0.3258, 0.3507



94.2966, 0.2927, 0.3287



94.2966, 0.2995, 0.3080



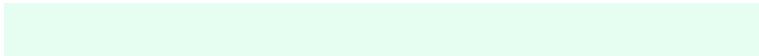
94.2966, 0.3331, 0.3288

Rectangle

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



94.2966, 0.3258, 0.3507



94.2966, 0.3056, 0.3430



94.2966, 0.2995, 0.3080



94.2966, 0.3196, 0.3156

Sweetspot

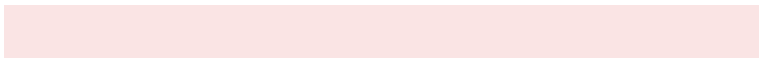
The Sweet Spot groups the original color and five complimentary colors.



94.3007, 0.3258, 0.3507



99.5128, 0.3171, 0.3363



81.4172, 0.3281, 0.3290



21.2727, 0.3183, 0.3383



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.



94.3007, 0.3258, 0.3507



98.3079, 0.3291, 0.3562



92.3375, 0.3187, 0.3512



20.1881, 0.3268, 0.3524



46.9770, 0.4188, 0.5057



4.3517, 0.4189, 0.5056

Inverse Universe

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



78.8962, 0.2991, 0.3063



78.4668, 0.2954, 0.3002



80.7440, 0.3063, 0.3068



16.6455, 0.2979, 0.3045



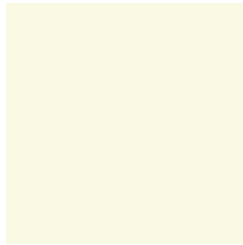
3.6646, 0.1501, 0.0601



0.3402, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 94.2966, 0.3258, 0.3507 looks on a white background.

Color Contrast Check

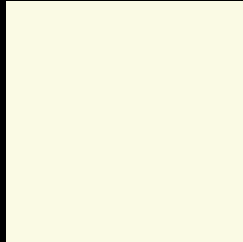
Large Text (above 18pt) WCAG AA × Fail

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 94.2966, 0.3258, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

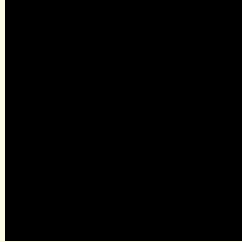
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.2966, 0.3258, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 94.2966, 0.3258, 0.3507.

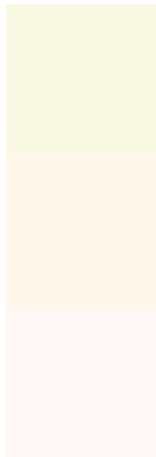


This preview shows how white text looks on a background with the Yxy color 94.2966, 0.3258, 0.3507.

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

94.2966, 0.3258, 0.3507

Protanopia

94.3353, 0.3257, 0.3426

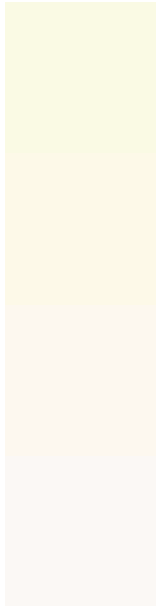
Deuteranopia

94.3741, 0.3191, 0.3309

Tritanopia

94.2508, 0.3105, 0.3213

Trichromacy



Original Color

94.2966, 0.3258, 0.3507

Protanomaly

94.4602, 0.3255, 0.3456

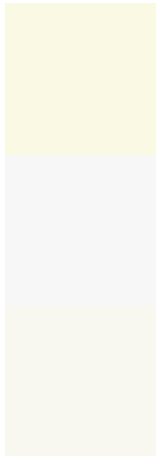
Deuteranomaly

94.2494, 0.3213, 0.3378

Tritanomaly

94.2366, 0.3164, 0.3319

Monochromacy



Original Color

94.2966, 0.3258, 0.3507

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.3825, 0.3175, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2966, 0.3258, 0.3507 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(250, 250, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 250, 228) }
```

Border

The CSS property to change the border of an element to Yxy 94.2966, 0.3258, 0.3507 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, 228) }
```

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

```
.border{ border-color:rgb(250, 250, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 250, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 250, 228);  
box-shadow:4px 4px 4px 4px rgb(250, 250,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2966, 0.3258, 0.3507 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, 228) }
```

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

```
.background{ background-color: rgb(250,  
250, 228) }
```

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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