

Converting Colors

$Yxy(94.1126, 0.3263, 0.3513)$

Have a look what the booklet for
Yxy(94.1126, 0.3263, 0.3513)
contains.

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Color

Yxy(94.2413, 0.3264, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	FAFAE3
RGB	250, 250, 227
RGB Percent	98%, 98%, 89%
CMY	0.0198, 0.0195, 0.1098
CMYK	0.00, 0.00, 0.09, 0.02
HSL	60°, 70%, 94%
HSV	60°, 9%, 98%
XYZ	87.4619, 94.2413, 86.2561
YIQ	247.3780, 7.3830, -7.1530

Conversions

Conversions Part 2

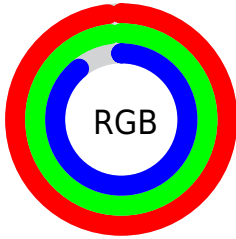
Format	Color
R _Y B	227, 250, 227
Decimal	16448227
CIE Lab	97.73, -3.88, 11.03
CIE LCh	98, 11.691, 109.397
Yxy	94.2413, 0.3264, 0.3517
Android (android.graphics.Color)	4294638307 (0xFFFAFAE3)
YUV	247.3780, -10.0464, 2.2995
Hunter-Lab	97.0780, -9.0677, 15.2740

Details

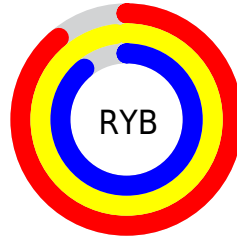
The Yxy color **94.2413, 0.3264, 0.3517** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.1877, 0.2984, 0.3053**, and the grayscale version is **93.4119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8996, 0.3286, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **92.9493, 0.3416, 0.3770**, and if you desaturate by 10%, it is **95.7420, 0.3116, 0.3271**.

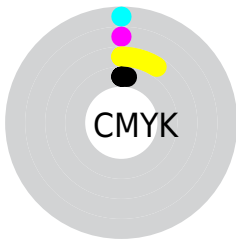
Distribution



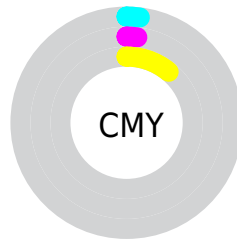
- Red (98%)
- Green (98%)
- Blue (89%)



- 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 94.2413, 0.3264, 0.3517 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 94.2413, 0.3264, 0.3517 by changing the saturation by 10% instead.


 94.2413, 0.3264,
0.3517

 94.2413, 0.3264,
0.3517


541.7332, 0.3204,
0.3416

 71.5037, 0.3277,
0.3539

153.2160, 0.3244,
0.3483

 52.7533, 0.3293,
0.3566


190.2219, 0.3236,
0.3469

 37.6059, 0.3312,
0.3600


232.7526, 0.3229,
0.3457

 25.6770, 0.3337,
0.3642

281.1926, 0.3223,
0.3447

 16.5821, 0.3369,
0.3699

335.9263, 0.3217,
0.3438

 9.9370, 0.3412,
0.3777

397.3380, 0.3212,

 5.3572, 0.3474,

0.3430

465.8122, 0.3208,
0.3423

0.3890

■ 2.4583, 0.3568,
0.4072

■ 0.8557, 0.4141,
0.4932

■ 94.2413, 0.3264,
0.3517

■ 94.2413, 0.3264,
0.3517

■ 92.9493, 0.3416,
0.3770

■ 95.7420, 0.3116,
0.3271

■ 91.8451, 0.3568,
0.4022

■ 95.9475, 0.3099,
0.3242


■ 90.9235, 0.3714,
0.4265

■ 95.9617, 0.3099,
0.3242

■ 90.1745, 0.3849,
0.4488

■ 95.9759, 0.3100,
0.3242


 89.5874, 0.3965,
0.4683

 95.9901, 0.3100,
0.3242

 89.1497, 0.4059,
0.4840


 96.0044, 0.3101,
0.3242

 88.8477, 0.4127,
0.4953

 96.0186, 0.3101,
0.3242

 88.6647, 0.4168,
0.5023

 96.0329, 0.3102,
0.3242

 88.5759, 0.4187,
0.5055

 96.0471, 0.3102,
0.3242

Harmonies

Analogous

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



94.2413, 0.3354, 0.3483



94.2413, 0.3264, 0.3517



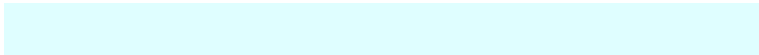
94.2413, 0.3139, 0.3488

Triad

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



94.2413, 0.3264, 0.3517



94.2413, 0.2879, 0.3174



94.2413, 0.3241, 0.3181

Complementary

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



94.2413, 0.3264, 0.3517



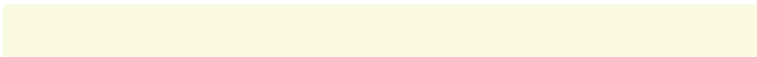
78.1877, 0.2984, 0.3053

Split Complementary

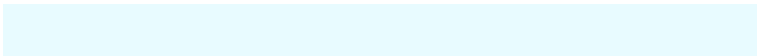
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.2413, 0.3112, 0.3102



94.2413, 0.3264, 0.3517



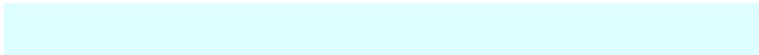
94.2413, 0.2904, 0.3096

Square

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



94.2413, 0.3264, 0.3517



94.2413, 0.2918, 0.3287



94.2413, 0.2989, 0.3071



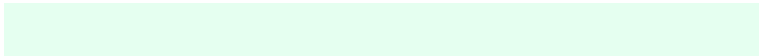
94.2413, 0.3341, 0.3288

Rectangle

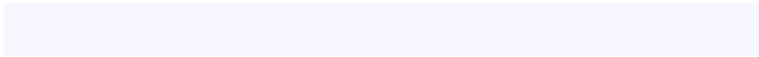
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.2413, 0.3264, 0.3517



94.2413, 0.3052, 0.3436



94.2413, 0.2989, 0.3071



94.2413, 0.3199, 0.3150

Sweetspot

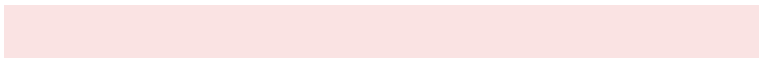
The Sweet Spot groups the original color and five complimentary colors.



94.2454, 0.3264, 0.3517



99.5126, 0.3171, 0.3363



80.8152, 0.3289, 0.3290



21.2726, 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.



94.2454, 0.3264, 0.3517



98.3069, 0.3291, 0.3562



92.1967, 0.3190, 0.3522



20.1879, 0.3268, 0.3524



46.9728, 0.4188, 0.5057



4.3514, 0.4189, 0.5056

Inverse Universe

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



78.1877, 0.2984, 0.3053



78.4676, 0.2954, 0.3002



80.1106, 0.3060, 0.3058



16.6456, 0.2979, 0.3045



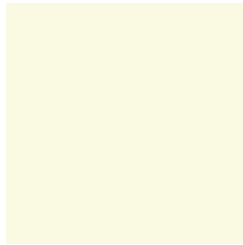
3.6649, 0.1501, 0.0601



0.3403, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 94.2413, 0.3264, 0.3517 looks on a white background.

Color Contrast Check

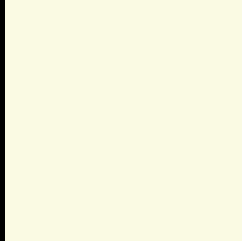
Large Text (above 18pt) WCAG AA × Fail

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 94.2413, 0.3264, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

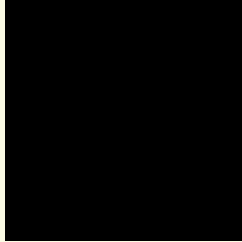
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.2413, 0.3264, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 94.2413, 0.3264, 0.3517.

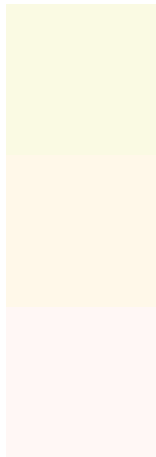


This preview shows how white text looks on a background with the Yxy color 94.2413, 0.3264, 0.3517.

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

94.2413, 0.3264, 0.3517

Protanopia

94.2780, 0.3263, 0.3436

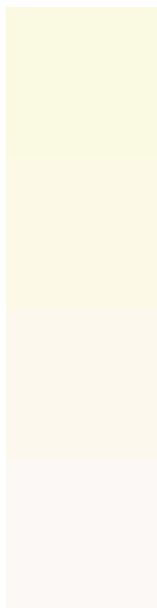
Deuteranopia

94.3741, 0.3191, 0.3309

Tritanopia

94.2508, 0.3105, 0.3213

Trichromacy



Original Color

94.2413, 0.3264, 0.3517

Protanomaly

94.4035, 0.3261, 0.3466

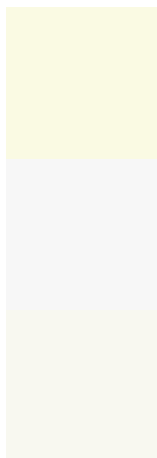
Deuteranomaly

94.1905, 0.3219, 0.3388

Tritanomaly

94.2366, 0.3164, 0.3319

Monochromacy



Original Color

94.2413, 0.3264, 0.3517

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 94.2413, 0.3264, 0.3517 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(250, 250, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 250, 227) }
```

Border

The CSS property to change the border of an element to Yxy 94.2413, 0.3264, 0.3517 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, 227) }
```

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

```
.border{ border-color:rgb(250, 250, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 250, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 250, 227);  
box-shadow:4px 4px 4px 4px rgb(250, 250,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2413, 0.3264, 0.3517 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, 227) }
```

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

```
.background{ background-color: rgb(250,  
250, 227) }
```

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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