

Converting Colors

$Y_{xy}(100.0000, 0.3743, 0.3915)$

Have a look what the booklet for
Yxy(100.0000, 0.3743, 0.3915)
contains.

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Color

Yxy(94.3415, 0.3557, 0.3962)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCB8
RGB	255, 252, 184
RGB Percent	100%, 99%, 72%
CMY	0.0000, 0.0117, 0.2785
CMYK	0.00, 0.01, 0.28, 0.00
HSL	57°, 100%, 86%
HSV	57°, 28%, 100%
XYZ	84.6978, 94.3415, 59.0765
YIQ	245.1450, 23.6160, -20.5120

Conversions

Conversions Part 2

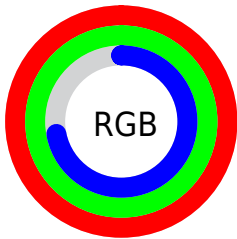
Format	Color
RYB	187, 255, 184
Decimal	16776376
CIELab	97.77, -9.23, 33.03
CIELCh	98, 34.298, 105.620
Yxy	94.3415, 0.3557, 0.3962
Android (android.graphics.Color)	4294966456 (0xFFFFFCB8)
YUV	245.1450, -30.1445, 8.6428
Hunter-Lab	97.1296, -14.3232, 31.9291

Details

The Yxy color **94.3415, 0.3557, 0.3962** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.9283, 0.2641, 0.2516**, and the grayscale version is **91.6667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **53.0973, 0.3647, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **92.7003, 0.3711, 0.4199**, and if you desaturate by 10%, it is **96.1877, 0.3400, 0.3718**.

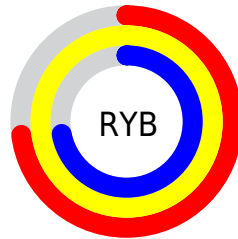
Distribution



Red (100%)

Green (99%)

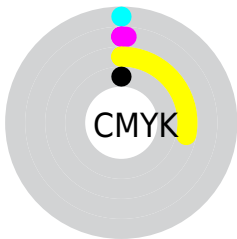
Blue (72%)



Red (73%)

Yellow (100%)

Blue (72%)

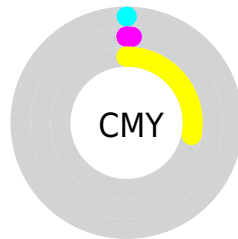


Cyan (0%)

Magenta (1%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3415, 0.3557, 0.3962 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 94.3415, 0.3557, 0.3962 by changing the saturation by 10% instead.


 94.3415, 0.3557,
0.3962

 94.3415, 0.3557,
0.3962


542.0547, 0.3372,
0.3662

 71.5870, 0.3596,
0.4027


 153.3545, 0.3496,
0.3860

 52.8214, 0.3641,
0.4106


190.3819, 0.3471,
0.3820

 37.6602, 0.3696,
0.4203


232.9357, 0.3450,
0.3785

 25.7191, 0.3763,
0.4326

281.4003, 0.3431,
0.3755

 16.6136, 0.3846,
0.4483

336.1601, 0.3414,
0.3728

 9.9594, 0.3947,
0.4691

397.5995, 0.3398,

 5.3720, 0.4065,

0.3703

0.4972

466.1029, 0.3385,
0.3682

■ 2.4672, 0.4385,
0.5615

■ 0.8601, 0.4077,
0.5923

■ 94.3415, 0.3557,
0.3962

■ 94.3415, 0.3557,
0.3962

■ 92.7003, 0.3711,
0.4199

■ 96.1877, 0.3400,
0.3718

■ 91.2409, 0.3856,
0.4419

■ 98.2359, 0.3245,
0.3475

■ 89.9564, 0.3986,
0.4613

99.9988, 0.3127,
0.3290

■ 88.8342, 0.4095,
0.4771

■ 87.8598, 0.4178,
0.4887

■ 87.0163, 0.4234,
0.4958

■ 86.2813, 0.4265,
0.4988

■ 86.1305, 0.4270,
0.4992

Harmonies

Analogous

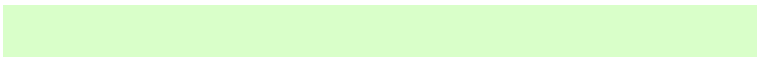
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3415, 0.3813, 0.3810



94.3415, 0.3557, 0.3962



94.3415, 0.3194, 0.3920

Triad

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



94.3415, 0.3557, 0.3962



94.3415, 0.2428, 0.2969



94.3415, 0.3409, 0.2946

Complementary

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



94.3415, 0.3557, 0.3962



52.9283, 0.2641, 0.2516

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.



94.3415, 0.3023, 0.2748



94.3415, 0.3557, 0.3962



94.3415, 0.2476, 0.2745

Square

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



94.3415, 0.3557, 0.3962



94.3415, 0.2552, 0.3310



94.3415, 0.2686, 0.2672



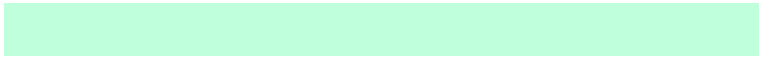
94.3415, 0.3731, 0.3228

Rectangle

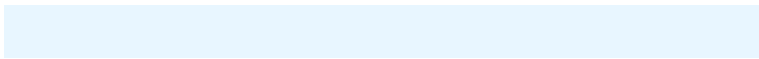
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.3415, 0.3557, 0.3962



94.3415, 0.2944, 0.3774



94.3415, 0.2686, 0.2672



94.3415, 0.3282, 0.2869

Sweetspot

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



94.3457, 0.3557, 0.3962



98.2096, 0.3247, 0.3479



59.1386, 0.3709, 0.3255



20.9521, 0.3270, 0.3515



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

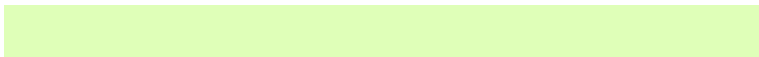
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.3457, 0.3557, 0.3962



93.4800, 0.3637, 0.4085



90.6689, 0.3335, 0.4040



20.9521, 0.3270, 0.3515



45.0652, 0.4268, 0.4993



4.4268, 0.4259, 0.5000

Inverse Universe

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



52.9283, 0.2641, 0.2516



46.2820, 0.2537, 0.2347



56.0776, 0.2864, 0.2530



17.5000, 0.2978, 0.3054



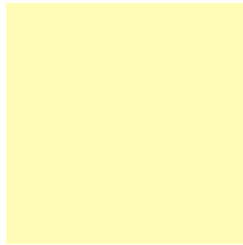
3.9470, 0.1507, 0.0625



0.4255, 0.1524, 0.0684

Previews

White Background



This preview shows how the Yxy color 94.3415, 0.3557, 0.3962 looks on a white background.

Color Contrast Check

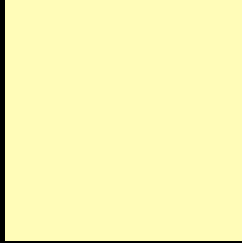
Large Text (above 18pt) WCAG AA × Fail

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 94.3415, 0.3557, 0.3962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

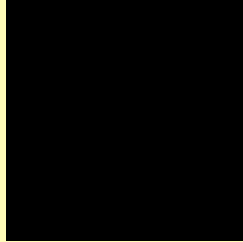
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.3415, 0.3557, 0.3962

Background



This preview shows how black text looks on a background with the Yxy color 94.3415, 0.3557, 0.3962.

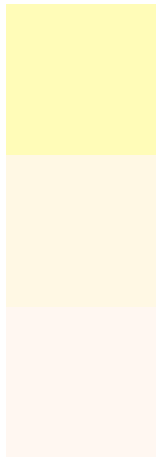


This preview shows how white text looks on a background with the Yxy color 94.3415, 0.3557, 0.3962.

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

94.3415, 0.3557, 0.3962

Protanopia

93.9962, 0.3293, 0.3486

Deuteranopia

94.1324, 0.3215, 0.3348

Tritanopia

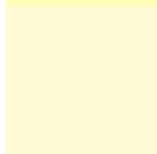
94.3273, 0.3137, 0.3214

Trichromacy



Original Color

94.3415, 0.3557, 0.3962



Protanomaly

93.7648, 0.3391, 0.3655



Deuteranomaly

94.1787, 0.3341, 0.3575



Tritanomaly

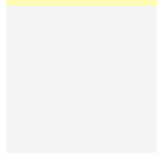
94.0519, 0.3287, 0.3476

Monochromacy



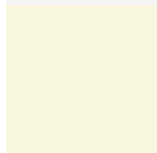
Original Color

94.3415, 0.3557, 0.3962



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.6023, 0.3284, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3415, 0.3557, 0.3962 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, 252, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 184)  
}
```

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, 252, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 184) }
```

Border

The CSS property to change the border of an element to Yxy 94.3415, 0.3557, 0.3962 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, 252, 184) }
```

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

```
.border{ border-color:rgb(255, 252, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3415, 0.3557, 0.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 184) }
```

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

```
.background{ background-color: rgb(255,  
252, 184) }
```

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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