

Converting Colors

Yxy(141.9321, 0.4576, 0.3625)

Have a look what the booklet for
Yxy(141.9321, 0.4576, 0.3625)
contains.

Yxy(93.6167, 0.3488, 0.3824)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(93.6167, 0.3488, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAC4
RGB	255, 250, 196
RGB Percent	100%, 98%, 77%
CMY	0.0000, 0.0196, 0.2313
CMYK	0.00, 0.02, 0.23, 0.00
HSL	55°, 100%, 88%
HSV	55°, 23%, 100%
XYZ	85.3910, 93.6167, 65.8059
YIQ	245.3390, 20.3140, -15.7340

Conversions

Conversions Part 2

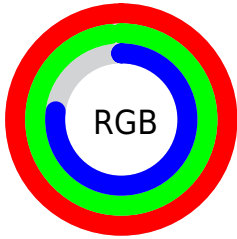
Format	Color
RYB	201, 255, 196
Decimal	16775876
CIELab	97.48, -6.67, 26.56
CIELCh	97, 27.379, 104.093
Yxy	93.6167, 0.3488, 0.3824
Android (android.graphics.Color)	4294965956 (0xFFFFFAC4)
YUV	245.3390, -24.3241, 8.4727
Hunter-Lab	96.7557, -11.7888, 27.4045

Details

The Yxy color **93.6167, 0.3488, 0.3824** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.7398, 0.2736, 0.2693**, and the grayscale version is **91.7889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **52.5423, 0.3562, 0.3944** is the 20% darker color. If you saturate the color by 10%, you get **91.2220, 0.3650, 0.4057**, and if you desaturate by 10%, it is **96.2325, 0.3328, 0.3589**.

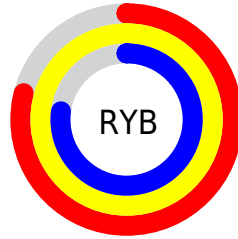
Distribution



Red (100%)

Green (98%)

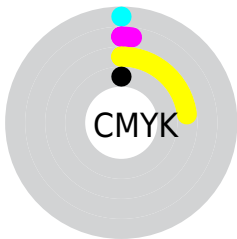
Blue (77%)



Red (79%)

Yellow (100%)

Blue (77%)

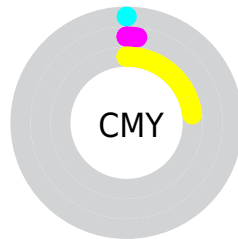


Cyan (0%)

Magenta (2%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.6167, 0.3488, 0.3824 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 93.6167, 0.3488, 0.3824 by changing the saturation by 10% instead.


 93.6167, 0.3488,
0.3824

 93.6167, 0.3488,
0.3824


539.7270, 0.3331,
0.3586

 70.9842, 0.3521,
0.3876


152.3521, 0.3436,
0.3743

 52.3293, 0.3561,
0.3939


189.2238, 0.3415,
0.3711

 37.2676, 0.3610,
0.4017


231.6108, 0.3396,
0.3683

 25.4148, 0.3671,
0.4116

279.8972, 0.3380,
0.3659

 16.3863, 0.3747,
0.4245

334.4677, 0.3366,
0.3638

 9.7979, 0.3845,
0.4418

395.7066, 0.3353,

 5.2652, 0.3973,

0.3618

0.4660

463.9982, 0.3341,
0.3601

■ 2.4037, 0.4276,
0.5185

■ 0.8278, 0.4298,
0.5702

■ 93.6167, 0.3488,
0.3824

■ 93.6167, 0.3488,
0.3824

■ 91.2220, 0.3650,
0.4057

■ 96.2325, 0.3328,
0.3589

■ 89.0258, 0.3807,
0.4279

■ 99.0661, 0.3174,
0.3360

■ 87.0215, 0.3955,
0.4481

■ 99.9999, 0.3127,
0.3290

■ 85.1969, 0.4086,
0.4653

■ 83.5387, 0.4194,
0.4785

■ 82.0311, 0.4276,
0.4873

■ 80.6554, 0.4329,
0.4916

■ 79.7676, 0.4353,
0.4926

Harmonies

Analogous

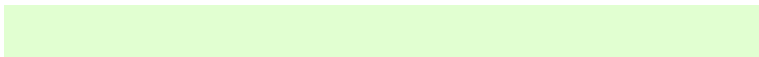
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6167, 0.3684, 0.3703



93.6167, 0.3488, 0.3824



93.6167, 0.3200, 0.3793

Triad

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



93.6167, 0.3488, 0.3824



93.6167, 0.2563, 0.3049



93.6167, 0.3339, 0.3002

Complementary

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



93.6167, 0.3488, 0.3824



60.7398, 0.2736, 0.2693

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.



93.6167, 0.3031, 0.2843



93.6167, 0.3488, 0.3824



93.6167, 0.2594, 0.2859

Square

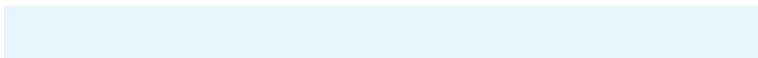
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.6167, 0.3488, 0.3824



93.6167, 0.2673, 0.3325



93.6167, 0.2761, 0.2789



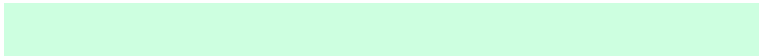
93.6167, 0.3599, 0.3231

Rectangle

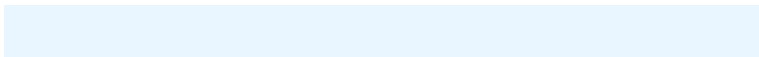
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.6167, 0.3488, 0.3824



93.6167, 0.2998, 0.3683



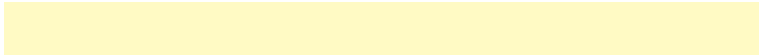
93.6167, 0.2761, 0.2789



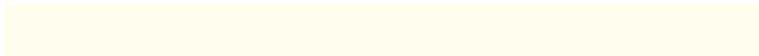
93.6167, 0.3237, 0.2939

Sweetspot

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



93.6209, 0.3488, 0.3824



97.9425, 0.3233, 0.3448



65.0104, 0.3560, 0.3230



20.9269, 0.3242, 0.3462



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

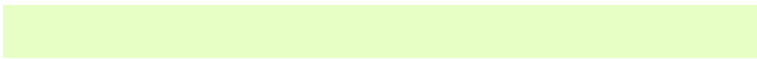
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6209, 0.3488, 0.3824



92.4267, 0.3567, 0.3938



92.5632, 0.3321, 0.3900



20.8120, 0.3271, 0.3505



41.7900, 0.4350, 0.4928



4.1433, 0.4330, 0.4944

Inverse Universe

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



60.7398, 0.2736, 0.2693



54.0349, 0.2642, 0.2547



61.8653, 0.2895, 0.2666



17.6248, 0.2979, 0.3065



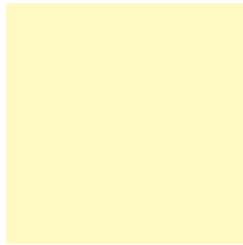
4.1490, 0.1515, 0.0653



0.4845, 0.1547, 0.0767

Previews

White Background



This preview shows how the Yxy color 93.6167, 0.3488, 0.3824 looks on a white background.

Color Contrast Check

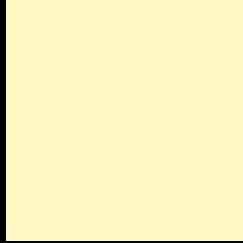
Large Text (above 18pt) WCAG AA × Fail

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 93.6167, 0.3488, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

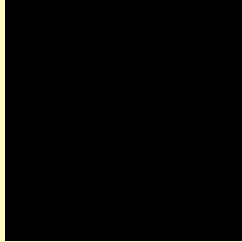
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.6167, 0.3488, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 93.6167, 0.3488, 0.3824.

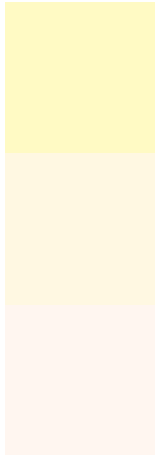


This preview shows how white text looks on a background with the Yxy color 93.6167, 0.3488, 0.3824.

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

93.6167, 0.3488, 0.3824

Protanopia

93.8858, 0.3306, 0.3505

Deuteranopia

93.4628, 0.3222, 0.3348



Tritanopia

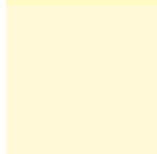
93.7206, 0.3138, 0.3204

Trichromacy



Original Color

93.6167, 0.3488, 0.3824



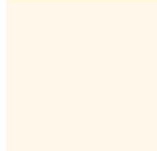
Protanomaly

93.9177, 0.3372, 0.3625



Deuteranomaly

93.1633, 0.3319, 0.3516



Tritanomaly

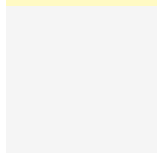
93.6647, 0.3264, 0.3427

Monochromacy



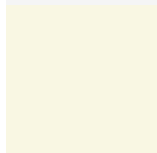
Original Color

93.6167, 0.3488, 0.3824



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.2073, 0.3261, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6167, 0.3488, 0.3824 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 196) }
```

Border

The CSS property to change the border of an element to Yxy 93.6167, 0.3488, 0.3824 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, 196) }
```

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

```
.border{ border-color:rgb(255, 250, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6167, 0.3488, 0.3824 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
250, 196) }
```

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