

Converting Colors

$Yxy(93.3484, 0.3368, 0.3688)$

Have a look what the booklet for
Yxy(93.3484, 0.3368, 0.3688)
contains.

Yxy(93.3484, 0.3368, 0.3688)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(93.3484, 0.3368, 0.3688)

Conversions

Conversions Part 1

Format	Color
Hex	FAFAD2
RGB	250, 250, 210
RGB Percent	98%, 98%, 82%
CMY	0.0196, 0.0196, 0.1763
CMYK	0.00, 0.00, 0.16, 0.02
HSL	60°, 80%, 90%
HSV	60°, 16%, 98%
XYZ	85.2488, 93.3484, 74.5167
YIQ	245.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

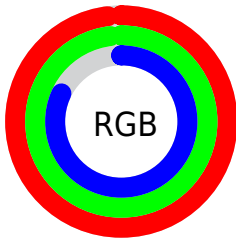
Format	Color
R _Y B	210, 250, 210
Decimal	16448210
CIE Lab	97.37, -6.47, 19.21
CIE LCh	97, 20.273, 108.602
Yxy	93.3484, 0.3368, 0.3688
Android (android.graphics.Color)	4294638290 (0xFFFAFAD2)
YUV	245.4400, -17.4719, 3.9991
Hunter-Lab	96.6170, -11.5825, 21.9039

Details

The Yxy color **93.3484, 0.3368, 0.3688** is a light color, and the websafe version is hex **FFFFCC**, and the color name is **lightgoldenrodyellow**. A complement of this color would be **66.7234, 0.2866, 0.2858**, and the grayscale version is **91.8246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2876, 0.3418, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **92.1974, 0.3521, 0.3941**, and if you desaturate by 10%, it is **94.7024, 0.3216, 0.3437**.

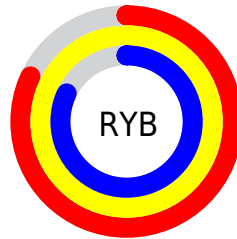
Distribution



Red (98%)

Green (98%)

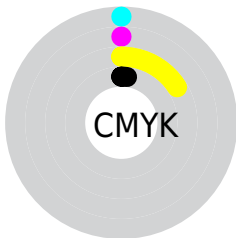
Blue (82%)



Red (82%)

Yellow (98%)

Blue (82%)

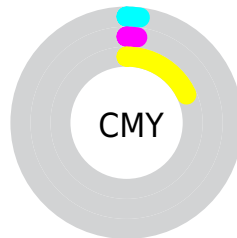


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (2%)



Cyan (2%)

Magenta (2%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.3484, 0.3368, 0.3688 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 93.3484, 0.3368, 0.3688 by changing the saturation by 10% instead.

 93.3484, 0.3368,
0.3688

 93.3484, 0.3368,
0.3688


538.8639, 0.3263,
0.3510

 70.7611, 0.3391,
0.3727


151.9809, 0.3333,
0.3627

 52.1473, 0.3418,
0.3775


188.7948, 0.3319,
0.3603

 37.1225, 0.3451,
0.3834


231.1198, 0.3306,
0.3583

 25.3023, 0.3493,
0.3910

279.3403, 0.3296,
0.3565

 16.3024, 0.3547,
0.4010

333.8405, 0.3286,
0.3549

 9.7384, 0.3618,
0.4146

395.0049, 0.3277,

 5.2259, 0.3715,

0.3534

0.4344

463.2179, 0.3270,
0.3521

■ 2.3804, 0.3863,
0.4666

■ 0.8158, 0.4308,
0.5692

■ 93.3484, 0.3368,
0.3688

■ 93.3484, 0.3368,
0.3688

■ 92.1974, 0.3521,
0.3941

■ 94.7024, 0.3216,
0.3437

■ 91.2279, 0.3670,
0.4188


■ 95.9268, 0.3098,
0.3242


■ 90.4344, 0.3810,
0.4418

■ 95.9313, 0.3098,
0.3242


■ 89.8062, 0.3933,
0.4622

■ 95.9358, 0.3098,
0.3242

 89.3316, 0.4036,
0.4791


 95.9403, 0.3098,
0.3242


 88.9973, 0.4113,
0.4918


 95.9448, 0.3098,
0.3242


 88.7878, 0.4163,
0.5001

 95.9493, 0.3098,
0.3242

 88.6838, 0.4188,
0.5043

 95.9538, 0.3098,
0.3242

 88.6600, 0.4194,
0.5052

 95.9583, 0.3098,
0.3242

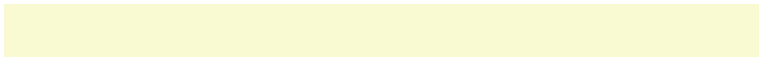
Harmonies

Analogous

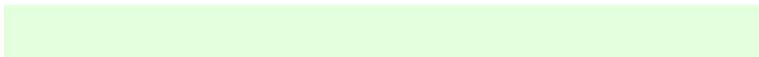
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3484, 0.3525, 0.3619



93.3484, 0.3368, 0.3688



93.3484, 0.3150, 0.3644

Triad

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



93.3484, 0.3368, 0.3688



93.3484, 0.2701, 0.3089



93.3484, 0.3318, 0.3098

Complementary

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



93.3484, 0.3368, 0.3688



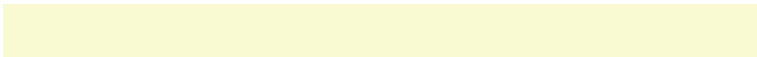
66.7234, 0.2866, 0.2858

Split Complementary

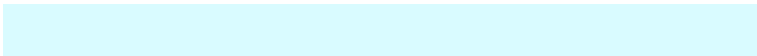
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3484, 0.3091, 0.2967



93.3484, 0.3368, 0.3688



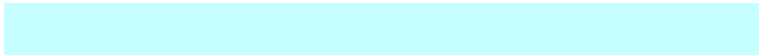
93.3484, 0.2741, 0.2956

Square

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



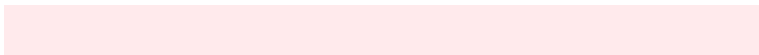
93.3484, 0.3368, 0.3688



93.3484, 0.2769, 0.3286



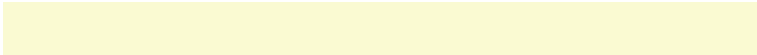
93.3484, 0.2881, 0.2914



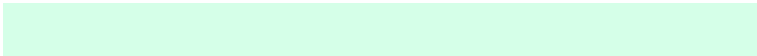
93.3484, 0.3497, 0.3277

Rectangle

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



93.3484, 0.3368, 0.3688



93.3484, 0.3001, 0.3553



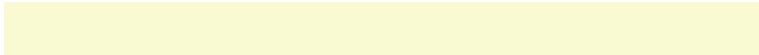
93.3484, 0.2881, 0.2914



93.3484, 0.3245, 0.3047

Sweetspot

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



93.3525, 0.3368, 0.3688



99.2035, 0.3201, 0.3412



71.1228, 0.3426, 0.3284



21.2106, 0.3212, 0.3430



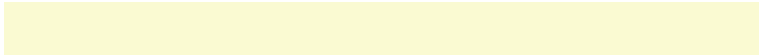
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

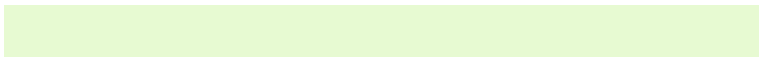
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3525, 0.3368, 0.3688



97.2541, 0.3414, 0.3765



89.9705, 0.3240, 0.3705



20.1899, 0.3269, 0.3524



47.0233, 0.4194, 0.5052



4.3554, 0.4194, 0.5052

Inverse Universe

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



66.7234, 0.2866, 0.2858



64.8354, 0.2810, 0.2767



69.7280, 0.2999, 0.2875



16.6439, 0.2979, 0.3045



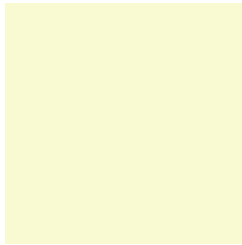
3.6623, 0.1500, 0.0600



0.3395, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 93.3484, 0.3368, 0.3688 looks on a white background.

Color Contrast Check

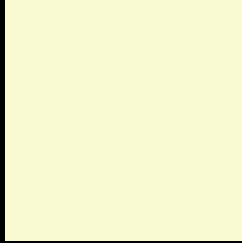
Large Text (above 18pt) WCAG AA × Fail

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 93.3484, 0.3368, 0.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

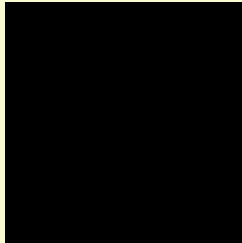
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.3484, 0.3368, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 93.3484, 0.3368, 0.3688.

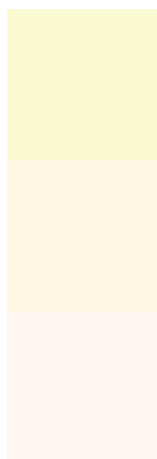


This preview shows how white text looks on a background with the Yxy color 93.3484, 0.3368, 0.3688.

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

93.3484, 0.3368, 0.3688

Protanopia

93.2725, 0.3307, 0.3496

Deuteranopia

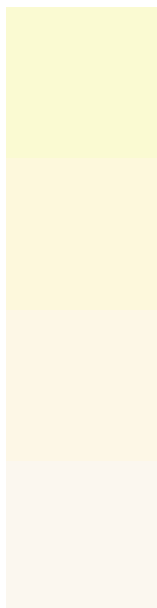
93.5224, 0.3216, 0.3339



Tritanopia

93.2203, 0.3112, 0.3194

Trichromacy



Original Color

93.3484, 0.3368, 0.3688

Protanomaly

93.1848, 0.3329, 0.3566

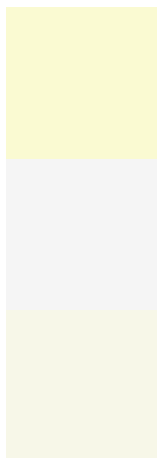
Deuteranomaly

93.1173, 0.3269, 0.3457

Tritanomaly

93.2628, 0.3201, 0.3368

Monochromacy



Original Color

93.3484, 0.3368, 0.3688

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.1219, 0.3217, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3484, 0.3368, 0.3688 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(250, 250, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 250, 210) }
```

Border

The CSS property to change the border of an element to Yxy 93.3484, 0.3368, 0.3688 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, 210) }
```

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

```
.border{ border-color:rgb(250, 250, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 250, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 250, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 250,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3484, 0.3368, 0.3688 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, 210) }
```

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

```
.background{ background-color: rgb(250,  
250, 210) }
```

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