

Converting Colors

$Y_{xy}(155.7828, 0.4761, 0.3532)$

Have a look what the booklet for
Yxy(155.7828, 0.4761, 0.3532)
contains.

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Color

Yxy(91.4833, 0.3452, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6CB
RGB	255, 246, 203
RGB Percent	100%, 96%, 80%
CMY	0.0002, 0.0352, 0.2039
CMYK	0.00, 0.04, 0.20, 0.00
HSL	50°, 100%, 90%
HSV	50°, 20%, 100%
XYZ	84.9611, 91.4833, 69.6769
YIQ	243.7890, 19.1670, -11.4650

Conversions

Conversions Part 2

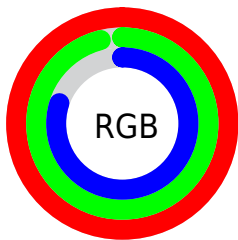
Format	Color
R_{YB}	214, 255, 203
Decimal	16774859
CIE _{Lab}	96.61, -3.73, 21.80
CIE _{LCh}	97, 22.122, 99.716
Y _{xy}	91.4833, 0.3452, 0.3717
Android (android.graphics.Color)	4294964939 (0xFFFFF6CB)
YUV	243.7890, -20.1090, 9.8320
Hunter-Lab	95.6469, -8.8244, 23.7612

Details

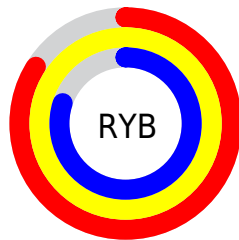
The Yxy color **91.4833, 0.3452, 0.3717** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.9625, 0.2791, 0.2824**, and the grayscale version is **90.4392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0026, 0.3519, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **87.7358, 0.3624, 0.3932**, and if you desaturate by 10%, it is **95.5018, 0.3287, 0.3504**.

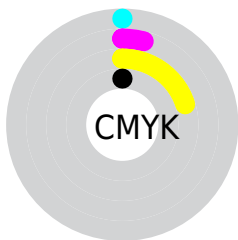
Distribution



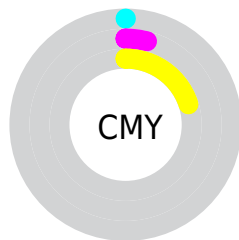
- Red (100%)
- Green (96%)
- Blue (80%)



- Red (84%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.4833, 0.3452, 0.3717 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 91.4833, 0.3452, 0.3717 by changing the saturation by 10% instead.

91.4833, 0.3452,
0.3717

91.4833, 0.3452,
0.3717

532.8442, 0.3309,
0.3526

69.2115, 0.3483,
0.3759

149.3971, 0.3404,
0.3652

50.8840, 0.3520,
0.3810

185.8079, 0.3385,
0.3627

36.1163, 0.3566,
0.3873

227.7004, 0.3368,
0.3604

24.5240, 0.3624,
0.3952

275.4592, 0.3353,
0.3585

15.7228, 0.3698,
0.4057

329.4686, 0.3340,
0.3568

9.3282, 0.3797,
0.4199

390.1130, 0.3329,

4.9559, 0.3933,

0.3552

0.4401

457.7767, 0.3318,
0.3539

■ 2.2214, 0.4191,
0.4781

■ 0.7316, 0.4523,
0.5477

■ 91.4833, 0.3452,
0.3717

■ 91.4833, 0.3452,
0.3717

■ 87.7358, 0.3624,
0.3932

■ 95.5018, 0.3287,
0.3504

■ 84.2367, 0.3798,
0.4142

99.7884, 0.3133,
0.3298

■ 80.9792, 0.3969,
0.4336

99.9906, 0.3127,
0.3290

■ 77.9512, 0.4130,
0.4506

■ 75.1393, 0.4273,
0.4640

■ 72.5282, 0.4391,
0.4730

■ 70.0997, 0.4480,
0.4774

■ 67.9074, 0.4541,
0.4777

Harmonies

Analogous

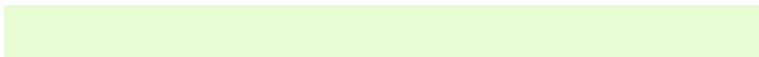
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4833, 0.3594, 0.3608



91.4833, 0.3452, 0.3717



91.4833, 0.3225, 0.3708

Triad

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



91.4833, 0.3452, 0.3717



91.4833, 0.2670, 0.3127



91.4833, 0.3265, 0.3030

Complementary

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



91.4833, 0.3452, 0.3717



66.9625, 0.2791, 0.2824

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.



91.4833, 0.3014, 0.2910



91.4833, 0.3452, 0.3717



91.4833, 0.2679, 0.2956

Square

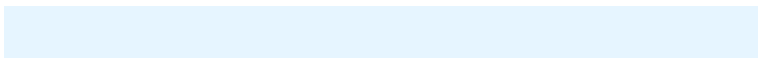
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.4833, 0.3452, 0.3717



91.4833, 0.2778, 0.3355



91.4833, 0.2802, 0.2881



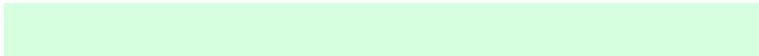
91.4833, 0.3485, 0.3214

Rectangle

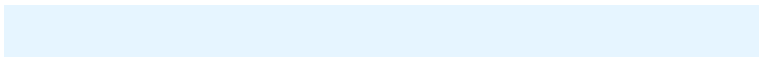
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.4833, 0.3452, 0.3717



91.4833, 0.3059, 0.3631



91.4833, 0.2802, 0.2881



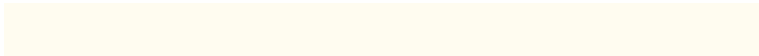
91.4833, 0.3181, 0.2981

Sweetspot

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



91.4874, 0.3452, 0.3717



97.3873, 0.3218, 0.3412



68.7410, 0.3462, 0.3194



20.7853, 0.3228, 0.3426



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

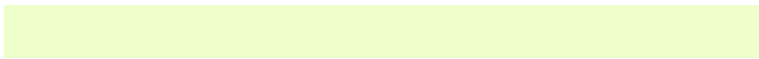
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4874, 0.3452, 0.3717



90.1384, 0.3514, 0.3795



94.0636, 0.3327, 0.3818



20.5281, 0.3273, 0.3485



35.6937, 0.4534, 0.4782



3.6091, 0.4488, 0.4818

Inverse Universe

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



66.9625, 0.2791, 0.2824



61.9996, 0.2725, 0.2729



65.0571, 0.2897, 0.2742



17.8821, 0.2979, 0.3087



4.8529, 0.1542, 0.0750



0.6056, 0.1592, 0.0929

Previews

White Background



This preview shows how the Yxy color 91.4833, 0.3452, 0.3717 looks on a white background.

Color Contrast Check

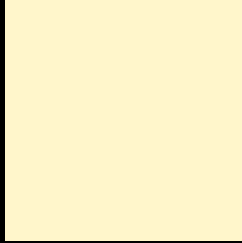
Large Text (above 18pt) WCAG AA × Fail

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 91.4833, 0.3452, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

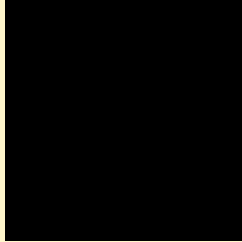
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.4833, 0.3452, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 91.4833, 0.3452, 0.3717.

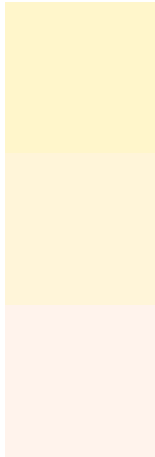


This preview shows how white text looks on a background with the Yxy color 91.4833, 0.3452, 0.3717.

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

91.4833, 0.3452, 0.3717

Protanopia

91.5746, 0.3366, 0.3567

Deuteranopia

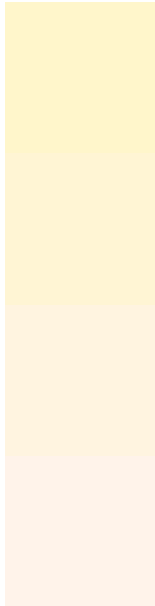
91.4173, 0.3249, 0.3359



Tritanopia

91.1989, 0.3152, 0.3184

Trichromacy



Original Color

91.4833, 0.3452, 0.3717

Protanomaly

91.3183, 0.3397, 0.3617

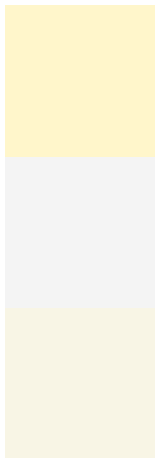
Deuteranomaly

91.3432, 0.3323, 0.3487

Tritanomaly

91.3017, 0.3261, 0.3378

Monochromacy



Original Color

91.4833, 0.3452, 0.3717

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.9184, 0.3244, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4833, 0.3452, 0.3717 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, 246, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 203)  
}
```

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, 246, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 203) }
```

Border

The CSS property to change the border of an element to Yxy 91.4833, 0.3452, 0.3717 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, 246, 203) }
```

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

```
.border{ border-color:rgb(255, 246, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4833, 0.3452, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 203) }
```

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

```
.background{ background-color: rgb(255,  
246, 203) }
```

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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