

Converting Colors

$Y_{xy}(91.2723, 0.3415, 0.3647)$

Have a look what the booklet for
Yxy(91.2723, 0.3415, 0.3647)
contains.

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Color

Yxy(91.1683, 0.3416, 0.3647)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5D1
RGB	255, 245, 209
RGB Percent	100%, 96%, 82%
CMY	0.0001, 0.0392, 0.1804
CMYK	0.00, 0.04, 0.18, 0.00
HSL	47°, 100%, 91%
HSV	47°, 18%, 100%
XYZ	85.3937, 91.1683, 73.4196
YIQ	243.8860, 17.5160, -9.0760

Conversions

Conversions Part 2

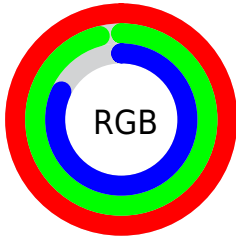
Format	Color
R_{YB}	222, 255, 209
Decimal	16774609
CIE _{Lab}	96.48, -2.36, 18.55
CIE _{LCh}	96, 18.699, 97.249
Yxy	91.1683, 0.3416, 0.3647
Android (android.graphics.Color)	4294964689 (0xFFFFF5D1)
YUV	243.8860, -17.1988, 9.7470
Hunter-Lab	95.4821, -7.4535, 21.2473

Details

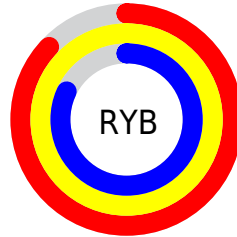
The Yxy color **91.1683, 0.3416, 0.3647** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.4177, 0.2834, 0.2906**, and the grayscale version is **90.5008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7341, 0.3481, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **86.7161, 0.3591, 0.3852**, and if you desaturate by 10%, it is **95.9305, 0.3251, 0.3446**.

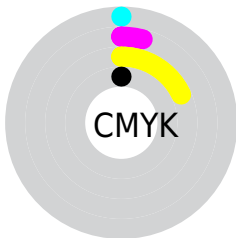
Distribution



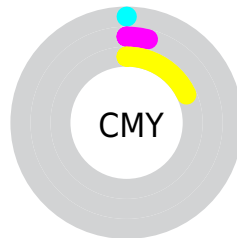
- Red (100%)
- Green (96%)
- Blue (82%)



- Red (87%)
- Yellow (100%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1683, 0.3416, 0.3647 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 91.1683, 0.3416, 0.3647 by changing the saturation by 10% instead.


 91.1683, 0.3416,
0.3647

 91.1683, 0.3416,
0.3647


531.8240, 0.3288,
0.3488

 68.9500, 0.3444,
0.3682


148.9602, 0.3373,
0.3593

 50.6710, 0.3477,
0.3724


185.3025, 0.3356,
0.3572

 35.9469, 0.3519,
0.3777


227.1217, 0.3341,
0.3553

 24.3932, 0.3571,
0.3844

274.8022, 0.3328,
0.3537

 15.6255, 0.3640,
0.3932

328.7282, 0.3316,
0.3522

 9.2596, 0.3732,
0.4052

389.2843, 0.3306,

 4.9109, 0.3861,

0.3510

0.4224

456.8547, 0.3297,
0.3498

■ 2.1951, 0.4073,
0.4510

■ 0.7173, 0.4653,
0.5347

■ 91.1683, 0.3416,
0.3647

■ 91.1683, 0.3416,
0.3647

■ 86.7161, 0.3591,
0.3852

■ 95.9305, 0.3251,
0.3446

■ 82.5512, 0.3773,
0.4054

99.9949, 0.3127,
0.3290

■ 78.6665, 0.3956,
0.4245

■ 75.0499, 0.4132,
0.4415

■ 71.6876, 0.4295,
0.4552

■ 68.5646, 0.4436,
0.4647

■ 65.6629, 0.4549,
0.4694

■ 62.9586, 0.4632,
0.4695

■ 62.4423, 0.4646,
0.4693

Harmonies

Analogous

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



91.1683, 0.3527, 0.3550



91.1683, 0.3416, 0.3647



91.1683, 0.3229, 0.3647

Triad

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



91.1683, 0.3416, 0.3647



91.1683, 0.2742, 0.3168



91.1683, 0.3227, 0.3057

Complementary

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



91.1683, 0.3416, 0.3647



71.4177, 0.2834, 0.2906

Split Complementary

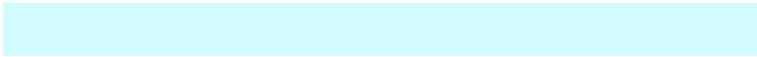
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1683, 0.3016, 0.2960



91.1683, 0.3416, 0.3647



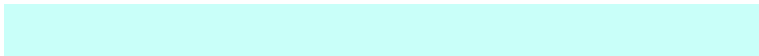
91.1683, 0.2741, 0.3017

Square

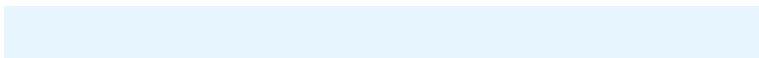
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.1683, 0.3416, 0.3647



91.1683, 0.2842, 0.3362



91.1683, 0.2839, 0.2944



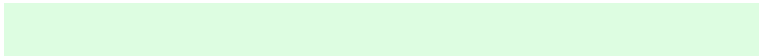
91.1683, 0.3417, 0.3212

Rectangle

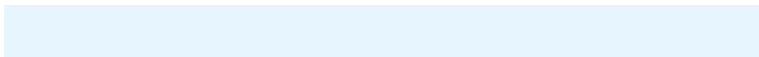
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.1683, 0.3416, 0.3647



91.1683, 0.3088, 0.3587



91.1683, 0.2839, 0.2944



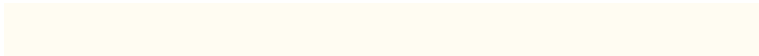
91.1683, 0.3156, 0.3017

Sweetspot

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



91.1724, 0.3416, 0.3647



97.4562, 0.3203, 0.3386



71.9705, 0.3405, 0.3190



20.7845, 0.3214, 0.3400



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

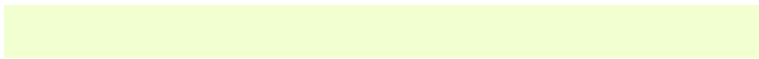
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1724, 0.3416, 0.3647



89.3886, 0.3485, 0.3728



94.9746, 0.3314, 0.3753



20.3835, 0.3275, 0.3475



32.8639, 0.4637, 0.4700



3.3577, 0.4576, 0.4748

Inverse Universe

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



71.4177, 0.2834, 0.2906



65.9633, 0.2764, 0.2810



68.3554, 0.2917, 0.2809



18.0155, 0.2979, 0.3098



5.3884, 0.1562, 0.0822



0.6763, 0.1617, 0.1019

Previews

White Background



This preview shows how the Yxy color 91.1683, 0.3416, 0.3647 looks on a white background.

Color Contrast Check

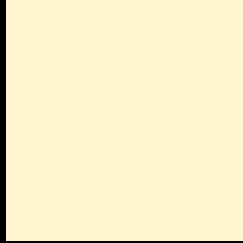
Large Text (above 18pt) WCAG AA × Fail

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 91.1683, 0.3416, 0.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

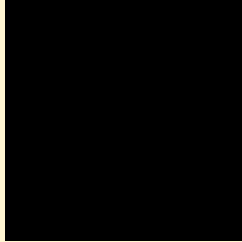
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.1683, 0.3416, 0.3647

Background



This preview shows how black text looks on a background with the Yxy color 91.1683, 0.3416, 0.3647.



This preview shows how white text looks on a background with the Yxy color 91.1683, 0.3416, 0.3647.

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

91.1683, 0.3416, 0.3647

Protanopia

90.9711, 0.3367, 0.3557

Deuteranopia

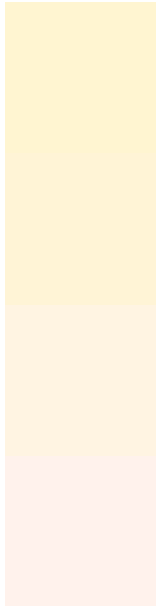
91.4173, 0.3249, 0.3359



Tritanopia

91.1989, 0.3152, 0.3184

Trichromacy



Original Color

91.1683, 0.3416, 0.3647

Protanomaly

90.8164, 0.3386, 0.3587

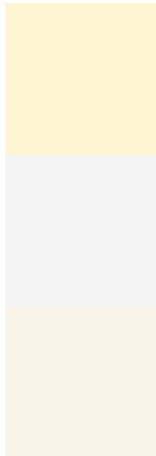
Deuteranomaly

91.4524, 0.3310, 0.3467

Tritanomaly

90.8204, 0.3250, 0.3349

Monochromacy



Original Color

91.1683, 0.3416, 0.3647

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.4273, 0.3232, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1683, 0.3416, 0.3647 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, 245, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 209)  
}
```

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, 245, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 209) }
```

Border

The CSS property to change the border of an element to Yxy 91.1683, 0.3416, 0.3647 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, 245, 209) }
```

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

```
.border{ border-color:rgb(255, 245, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1683, 0.3416, 0.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 209) }
```

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

```
.background{ background-color: rgb(255,  
245, 209) }
```

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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