

Converting Colors

$Yxy(91.3557, 0.3383, 0.3593)$

Have a look what the booklet for
Yxy(91.3557, 0.3383, 0.3593)
contains.

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Color

Yxy(91.4199, 0.3385, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5D6
RGB	255, 245, 214
RGB Percent	100%, 96%, 84%
CMY	0.0000, 0.0392, 0.1609
CMYK	0.00, 0.04, 0.16, 0.00
HSL	45°, 100%, 92%
HSV	45°, 16%, 100%
XYZ	86.0318, 91.4199, 76.7043
YIQ	244.4560, 15.9110, -7.5210

Conversions

Conversions Part 2

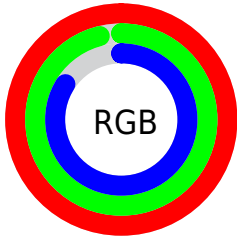
Format	Color
R_{YB}	227, 255, 214
Decimal	16774614
CIE _{Lab}	96.58, -1.61, 16.15
CIE _{LCh}	97, 16.230, 95.680
Yxy	91.4199, 0.3385, 0.3597
Android (android.graphics.Color)	4294964694 (0xFFFFF5D6)
YUV	244.4560, -15.0148, 9.2471
Hunter-Lab	95.6138, -6.7125, 19.3654

Details

The Yxy color **91.4199, 0.3385, 0.3597** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.8009, 0.2869, 0.2963**, and the grayscale version is **90.9616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9042, 0.3441, 0.3669** is the 20% darker color. If you saturate the color by 10%, you get **86.5216, 0.3561, 0.3796**, and if you desaturate by 10%, it is **96.6483, 0.3221, 0.3404**.

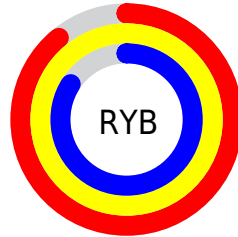
Distribution



Red (100%)

Green (96%)

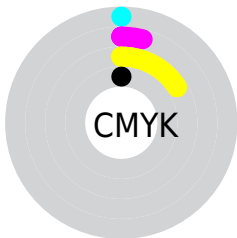
Blue (84%)



Red (89%)

Yellow (100%)

Blue (84%)

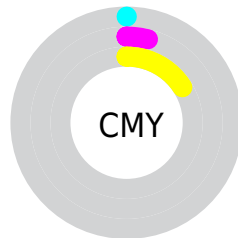


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4199, 0.3385, 0.3597 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 91.4199, 0.3385, 0.3597 by changing the saturation by 10% instead.


 91.4199, 0.3385,
0.3597

 91.4199, 0.3385,
0.3597

532.6390, 0.3271,
0.3460

 69.1589, 0.3410,
0.3627

149.3091, 0.3346,
0.3551

 50.8411, 0.3440,
0.3663


185.7062, 0.3331,
0.3532

 36.0822, 0.3477,
0.3709

227.5840, 0.3318,
0.3516

 24.4977, 0.3525,
0.3766

275.3270, 0.3306,
0.3502

 15.7032, 0.3587,
0.3842

329.3196, 0.3296,
0.3490

 9.3144, 0.3670,
0.3945

389.9462, 0.3287,

 4.9468, 0.3790,

0.3479

0.4094

457.5912, 0.3278,
0.3469

■ 2.2161, 0.3974,
0.4328

■ 0.7287, 0.4728,
0.5272

■ 91.4199, 0.3385,
0.3597

■ 91.4199, 0.3385,
0.3597

■ 86.5216, 0.3561,
0.3796

■ 96.6483, 0.3221,
0.3404

■ 81.9427, 0.3746,
0.3993

100.0000, 0.3127,
0.3290

■ 77.6719, 0.3935,
0.4182

■ 73.6966, 0.4121,
0.4352

■ 70.0034, 0.4297,
0.4491

■ 66.5769, 0.4453,
0.4591

■ 63.3995, 0.4582,
0.4644

■ 60.4494, 0.4680,
0.4647

■ 59.3464, 0.4713,
0.4640

Harmonies

Analogous

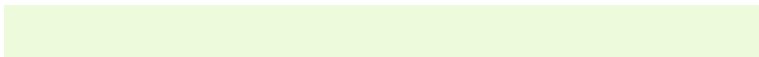
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4199, 0.3476, 0.3510



91.4199, 0.3385, 0.3597



91.4199, 0.3226, 0.3600

Triad

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



91.4199, 0.3385, 0.3597



91.4199, 0.2795, 0.3194



91.4199, 0.3205, 0.3081

Complementary

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



91.4199, 0.3385, 0.3597



74.8009, 0.2869, 0.2963

Split Complementary

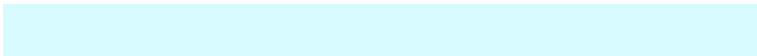
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4199, 0.3022, 0.3000



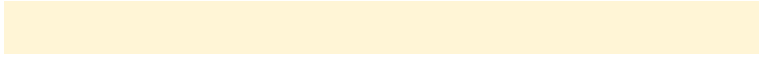
91.4199, 0.3385, 0.3597



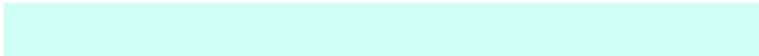
91.4199, 0.2789, 0.3059

Square

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



91.4199, 0.3385, 0.3597



91.4199, 0.2887, 0.3362



91.4199, 0.2871, 0.2991



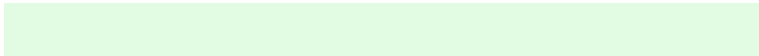
91.4199, 0.3371, 0.3215

Rectangle

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



91.4199, 0.3385, 0.3597



91.4199, 0.3103, 0.3551



91.4199, 0.2871, 0.2991



91.4199, 0.3143, 0.3047

Sweetspot

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



91.4199, 0.3385, 0.3597



97.2400, 0.3204, 0.3383



74.7288, 0.3360, 0.3187



20.7318, 0.3215, 0.3396



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

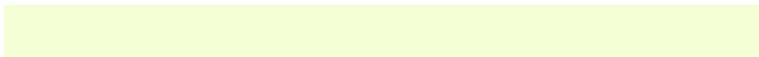
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4199, 0.3385, 0.3597



89.9622, 0.3435, 0.3654



95.7391, 0.3303, 0.3700



20.2968, 0.3275, 0.3469



31.2556, 0.4703, 0.4648



3.2135, 0.4632, 0.4704

Inverse Universe

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



74.8009, 0.2869, 0.2963



70.7468, 0.2818, 0.2897



71.1778, 0.2933, 0.2863



18.0963, 0.2979, 0.3105



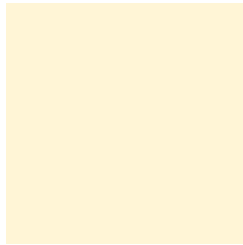
5.7731, 0.1576, 0.0872



0.7241, 0.1633, 0.1078

Previews

White Background



This preview shows how the Yxy color 91.4199, 0.3385, 0.3597 looks on a white background.

Color Contrast Check

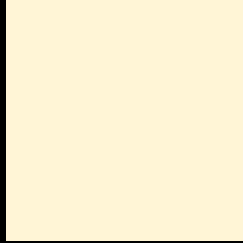
Large Text (above 18pt) WCAG AA × Fail

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 91.4199, 0.3385, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

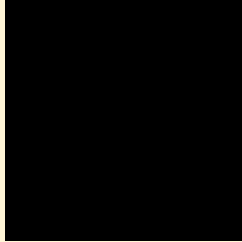
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.4199, 0.3385, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 91.4199, 0.3385, 0.3597.



This preview shows how white text looks on a background with the Yxy color 91.4199, 0.3385, 0.3597.

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

91.4199, 0.3385, 0.3597

Protanopia

91.6793, 0.3353, 0.3547

Deuteranopia

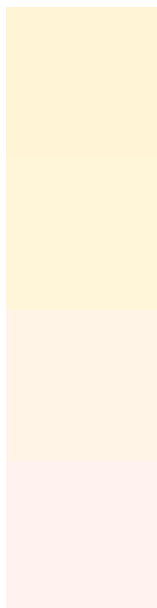
91.5342, 0.3236, 0.3339



Tritanopia

91.2624, 0.3146, 0.3175

Trichromacy



Original Color

91.4199, 0.3385, 0.3597

Protanomaly

91.5746, 0.3366, 0.3567

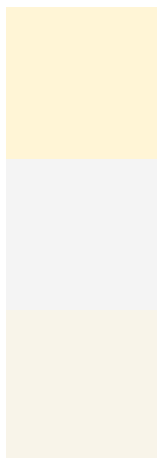
Deuteranomaly

91.6185, 0.3292, 0.3437

Tritanomaly

90.9963, 0.3231, 0.3320

Monochromacy



Original Color

91.4199, 0.3385, 0.3597

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.5410, 0.3220, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4199, 0.3385, 0.3597 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 214) }
```

Border

The CSS property to change the border of an element to Yxy 91.4199, 0.3385, 0.3597 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, 214) }
```

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

```
.border{ border-color:rgb(255, 245, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4199, 0.3385, 0.3597 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
245, 214) }
```

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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