

Converting Colors

$Yxy(97.0081, 0.3654, 0.3718)$

Have a look what the booklet for
Yxy(97.0081, 0.3654, 0.3718)
contains.

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Color

Yxy(91.3417, 0.3471, 0.3747)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFF6C8 |
| RGB | 255, 246, 200 |
| RGB Percent | 100%, 96%, 78% |
| CMY | 0.0001, 0.0352, 0.2157 |
| CMYK | 0.00, 0.04, 0.22, 0.00 |
| HSL | 50°, 100%, 89% |
| HSV | 50°, 22%, 100% |
| XYZ | 84.6136, 91.3417, 67.8176 |
| YIQ | 243.4470, 20.1300, -12.3980 |

Conversions

Conversions Part 2

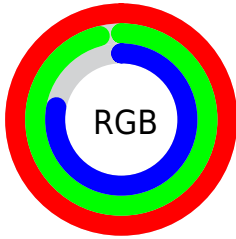
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 211, 255, 200 |
| Decimal | 16774856 |
| CIE _{Lab} | 96.55, -4.14, 23.25 |
| CIE _{LCh} | 97, 23.617, 100.097 |
| Yxy | 91.3417, 0.3471, 0.3747 |
| Android (android.graphics.Color) | 4294964936 (0xFFFFF6C8) |
| YUV | 243.4470, -21.4194, 10.1320 |
| Hunter-Lab | 95.5729, -9.2210, 24.8294 |

Details

The Yxy color **91.3417, 0.3471, 0.3747** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.0812, 0.2769, 0.2787**, and the grayscale version is **90.1644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9080, 0.3543, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **87.7518, 0.3642, 0.3964**, and if you desaturate by 10%, it is **95.1951, 0.3306, 0.3531**.

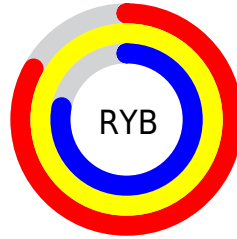
Distribution



Red (100%)

Green (96%)

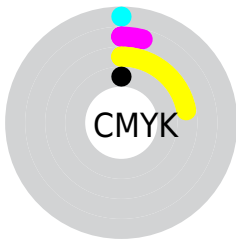
Blue (78%)



Red (83%)

Yellow (100%)

Blue (78%)

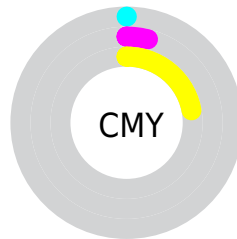


Cyan (0%)

Magenta (4%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.3417, 0.3471, 0.3747 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 91.3417, 0.3471, 0.3747 by changing the saturation by 10% instead.

 91.3417, 0.3471,
0.3747

 91.3417, 0.3471,
0.3747


532.3857, 0.3320,
0.3543

 69.0940, 0.3504,
0.3792


149.2007, 0.3420,
0.3678

 50.7883, 0.3543,
0.3846


185.5807, 0.3400,
0.3650

 36.0401, 0.3591,
0.3913


227.4403, 0.3382,
0.3627

 24.4652, 0.3652,
0.3999

275.1639, 0.3367,
0.3606

 15.6791, 0.3730,
0.4110

329.1359, 0.3353,
0.3587

 9.2973, 0.3832,
0.4262

389.7405, 0.3341,

 4.9356, 0.3972,

0.3571

0.4475

457.3624, 0.3330,
0.3556

■ 2.2095, 0.4267,
0.4912

■ 0.7252, 0.4478,
0.5522

■ 91.3417, 0.3471,
0.3747

■ 91.3417, 0.3471,
0.3747

■ 87.7518, 0.3642,
0.3964

■ 95.1951, 0.3306,
0.3531

■ 84.4029, 0.3815,
0.4174

■ 99.3094, 0.3150,
0.3322

■ 81.2881, 0.3983,
0.4368

■ 99.9946, 0.3127,
0.3290

■ 78.3952, 0.4140,
0.4535

■ 75.7107, 0.4277,
0.4665

■ 73.2192, 0.4388,
0.4751

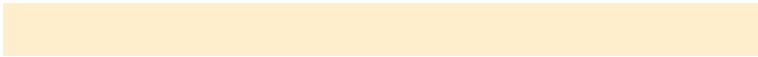
■ 70.9018, 0.4471,
0.4791

■ 69.0573, 0.4520,
0.4793

Harmonies

Analogous

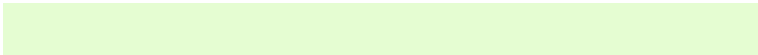
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3417, 0.3625, 0.3630



91.3417, 0.3471, 0.3747



91.3417, 0.3228, 0.3737

Triad

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



91.3417, 0.3471, 0.3747



91.3417, 0.2639, 0.3112



91.3417, 0.3277, 0.3015

Complementary

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



91.3417, 0.3471, 0.3747



65.0812, 0.2769, 0.2787

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.



91.3417, 0.3009, 0.2886



91.3417, 0.3471, 0.3747



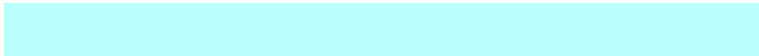
91.3417, 0.2650, 0.2932

Square

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



91.3417, 0.3471, 0.3747



91.3417, 0.2752, 0.3355



91.3417, 0.2783, 0.2854



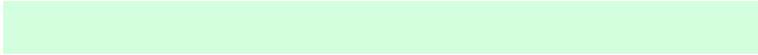
91.3417, 0.3512, 0.3211

Rectangle

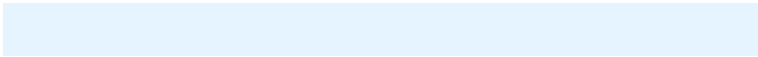
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.3417, 0.3471, 0.3747



91.3417, 0.3051, 0.3653



91.3417, 0.2783, 0.2854



91.3417, 0.3188, 0.2963

Sweetspot

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



91.3458, 0.3471, 0.3747



97.4731, 0.3218, 0.3414



67.1780, 0.3494, 0.3197



20.8056, 0.3228, 0.3427



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

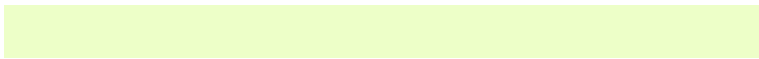
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3458, 0.3471, 0.3747



89.7410, 0.3547, 0.3844



93.6165, 0.3332, 0.3852



20.5570, 0.3273, 0.3487



36.2806, 0.4514, 0.4798



3.6610, 0.4471, 0.4832

Inverse Universe

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



65.0812, 0.2769, 0.2787



59.0793, 0.2687, 0.2668



63.4860, 0.2888, 0.2708



17.8557, 0.2979, 0.3085



4.7611, 0.1538, 0.0738



0.5929, 0.1587, 0.0912

Previews

White Background



This preview shows how the Yxy color 91.3417, 0.3471, 0.3747 looks on a white background.

Color Contrast Check

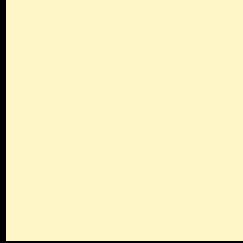
Large Text (above 18pt) WCAG AA × Fail

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 91.3417, 0.3471, 0.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

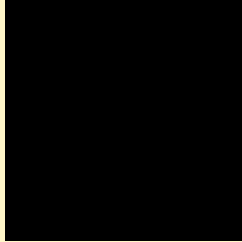
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.3417, 0.3471, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 91.3417, 0.3471, 0.3747.



This preview shows how white text looks on a background with the Yxy color 91.3417, 0.3471, 0.3747.

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

91.3417, 0.3471, 0.3747

Protanopia

91.4711, 0.3378, 0.3587

Deuteranopia

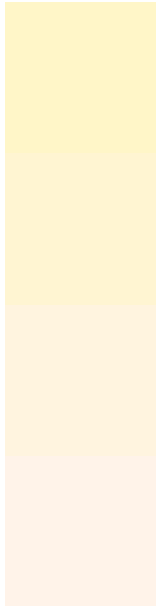
91.4173, 0.3249, 0.3359



Tritanopia

91.1989, 0.3152, 0.3184

Trichromacy



Original Color

91.3417, 0.3471, 0.3747

Protanomaly

91.2180, 0.3410, 0.3637

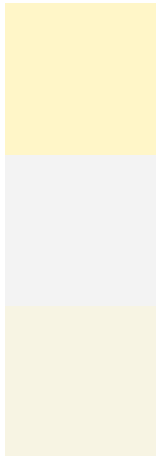
Deuteranomaly

91.2891, 0.3329, 0.3497

Tritanomaly

91.2444, 0.3268, 0.3388

Monochromacy



Original Color

91.3417, 0.3471, 0.3747

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.0216, 0.3250, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3417, 0.3471, 0.3747 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 200) }
```

Border

The CSS property to change the border of an element to Yxy 91.3417, 0.3471, 0.3747 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, 200) }
```

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

```
.border{ border-color:rgb(255, 246, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3417, 0.3471, 0.3747 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
246, 200) }
```

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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