

Converting Colors

$Y_{xy}(94.9796, 0.3658, 0.3798)$

Have a look what the booklet for
Yxy(94.9796, 0.3658, 0.3798)
contains.

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Color

Yxy(90.9773, 0.3522, 0.3827)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6C0
RGB	255, 246, 192
RGB Percent	100%, 96%, 75%
CMY	0.0000, 0.0353, 0.2470
CMYK	0.00, 0.04, 0.25, 0.00
HSL	51°, 100%, 88%
HSV	51°, 25%, 100%
XYZ	83.7267, 90.9773, 63.0209
YIQ	242.5350, 22.6980, -14.8860

Conversions

Conversions Part 2

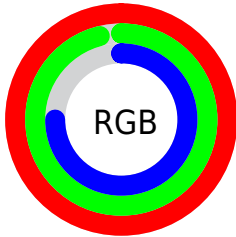
Format	Color
R_{YB}	203, 255, 192
Decimal	16774848
CIE _{Lab}	96.40, -5.18, 27.12
CIE _{LCh}	96, 27.609, 100.816
Yxy	90.9773, 0.3522, 0.3827
Android (android.graphics.Color)	4294964928 (0xFFFFF6C0)
YUV	242.5350, -24.9138, 10.9318
Hunter-Lab	95.3820, -10.2306, 27.5933

Details

The Yxy color **90.9773, 0.3522, 0.3827** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.2110, 0.2710, 0.2689**, and the grayscale version is **89.4210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **50.6677, 0.3607, 0.3948** is the 20% darker color. If you saturate the color by 10%, you get **87.7384, 0.3691, 0.4047**, and if you desaturate by 10%, it is **94.4416, 0.3356, 0.3606**.

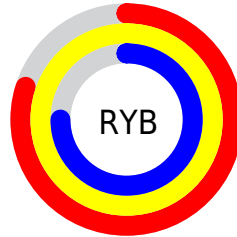
Distribution



Red (100%)

Green (96%)

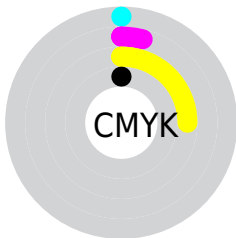
Blue (75%)



Red (80%)

Yellow (100%)

Blue (75%)

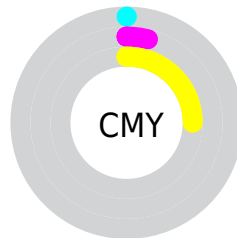


Cyan (0%)

Magenta (4%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.9773, 0.3522, 0.3827 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 90.9773, 0.3522, 0.3827 by changing the saturation by 10% instead.


 90.9773, 0.3522,
0.3827

 90.9773, 0.3522,
0.3827

531.2049, 0.3349,
0.3587

 68.7915, 0.3559,
0.3880


 148.6952, 0.3464,
0.3746

 50.5419, 0.3604,
0.3943

184.9960, 0.3441,
0.3713

 35.8442, 0.3658,
0.4022


226.7707, 0.3421,
0.3685

 24.3139, 0.3726,
0.4122

274.4035, 0.3403,
0.3661

 15.5666, 0.3812,
0.4251

328.2790, 0.3387,
0.3639

 9.2180, 0.3923,
0.4425


388.7814, 0.3373,


 4.8837, 0.4069,

0.3620

0.4667


456.2953, 0.3360,
0.3603

 2.1792, 0.4500,
0.5303


 0.7086, 0.4357,
0.5643


 90.9773, 0.3522,
0.3827


 90.9773, 0.3522,
0.3827

 87.7384, 0.3691,
0.4047


 94.4416, 0.3356,
0.3606

 84.7356, 0.3859,
0.4257

 98.1619, 0.3198,
0.3389

 81.9507, 0.4019,
0.4446

100.0000, 0.3127,
0.3290

 79.3712, 0.4164,
0.4605

■ 76.9832, 0.4287,
0.4725

■ 74.7704, 0.4383,
0.4799

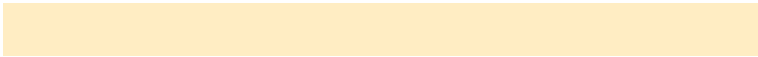
■ 72.7130, 0.4449,
0.4827

■ 71.6711, 0.4476,
0.4828

Harmonies

Analogous

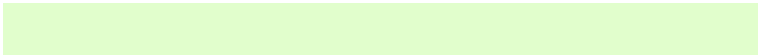
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.9773, 0.3707, 0.3689



90.9773, 0.3522, 0.3827



90.9773, 0.3236, 0.3815

Triad

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



90.9773, 0.3522, 0.3827



90.9773, 0.2558, 0.3072



90.9773, 0.3309, 0.2975

Complementary

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



90.9773, 0.3522, 0.3827



60.2110, 0.2710, 0.2689

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.



90.9773, 0.2995, 0.2824



90.9773, 0.3522, 0.3827



90.9773, 0.2575, 0.2867

Square

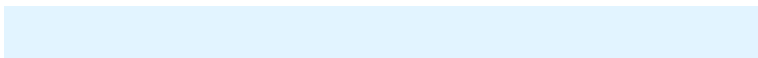
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.9773, 0.3522, 0.3827



90.9773, 0.2685, 0.3358



90.9773, 0.2730, 0.2782



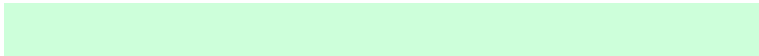
90.9773, 0.3584, 0.3202

Rectangle

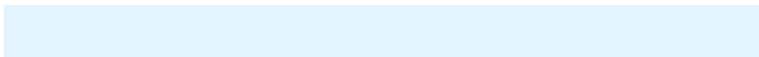
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.9773, 0.3522, 0.3827



90.9773, 0.3029, 0.3714



90.9773, 0.2730, 0.2782



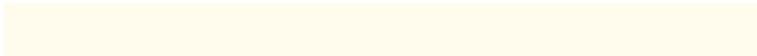
90.9773, 0.3204, 0.2914

Sweetspot

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



90.9703, 0.3522, 0.3827



97.2846, 0.3233, 0.3438



63.2020, 0.3572, 0.3194



20.7740, 0.3243, 0.3451



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

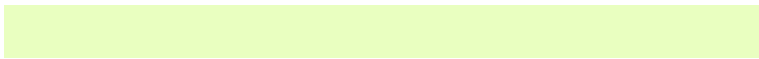
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.9703, 0.3522, 0.3827



89.2289, 0.3611, 0.3944



92.6420, 0.3354, 0.3940



20.6215, 0.3273, 0.3492



37.6194, 0.4471, 0.4832



3.7789, 0.4434, 0.4861

Inverse Universe

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



60.2110, 0.2710, 0.2689



53.3312, 0.2608, 0.2538



59.2280, 0.2854, 0.2615



17.7969, 0.2979, 0.3080



4.5732, 0.1531, 0.0712



0.5653, 0.1577, 0.0876

Previews

White Background



This preview shows how the Yxy color 90.9773, 0.3522, 0.3827 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 90.9773, 0.3522, 0.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

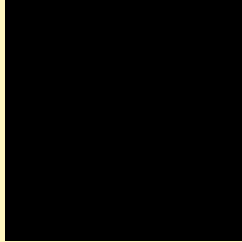
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.9773, 0.3522, 0.3827

Background



This preview shows how black text looks on a background with the Yxy color 90.9773, 0.3522, 0.3827.

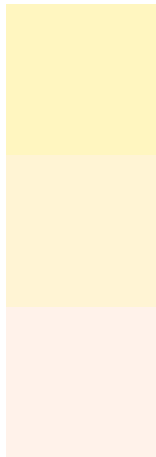


This preview shows how white text looks on a background with the Yxy color 90.9773, 0.3522, 0.3827.

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

90.9773, 0.3522, 0.3827

Protanopia

90.7148, 0.3399, 0.3607

Deuteranopia

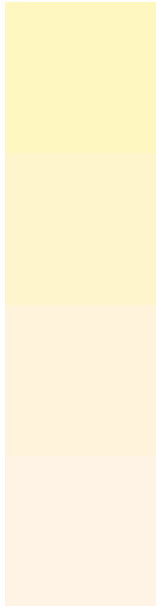
90.7048, 0.3262, 0.3369



Tritanopia

91.1356, 0.3158, 0.3194

Trichromacy



Original Color

90.9773, 0.3522, 0.3827

Protanomaly

90.9726, 0.3442, 0.3687

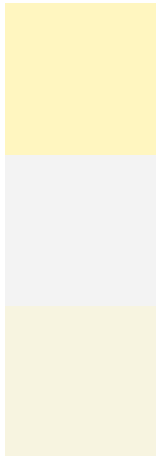
Deuteranomaly

90.4757, 0.3356, 0.3527

Tritanomaly

91.0744, 0.3286, 0.3418

Monochromacy



Original Color

90.9773, 0.3522, 0.3827

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.8573, 0.3269, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.9773, 0.3522, 0.3827 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 192) }
```

Border

The CSS property to change the border of an element to Yxy 90.9773, 0.3522, 0.3827 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, 192) }
```

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

```
.border{ border-color:rgb(255, 246, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 90.9773, 0.3522, 0.3827 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
246, 192) }
```

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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