

Converting Colors

$Y_{xy}(130.5211, 0.4526, 0.3639)$

Have a look what the booklet for
Yxy(130.5211, 0.4526, 0.3639)
contains.

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Color

Yxy(89.7230, 0.3532, 0.3819)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4BF
RGB	255, 244, 191
RGB Percent	100%, 96%, 75%
CMY	0.0002, 0.0430, 0.2510
CMYK	0.00, 0.04, 0.25, 0.00
HSL	50°, 100%, 87%
HSV	50°, 25%, 100%
XYZ	82.9803, 89.7230, 62.2352
YIQ	241.2470, 23.5690, -14.1510

Conversions

Conversions Part 2

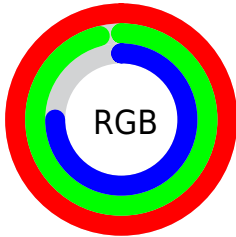
Format	Color
R_{YB}	204, 255, 191
Decimal	16774335
CIE _{Lab}	95.88, -4.37, 26.92
CIE _{LCh}	96, 27.273, 99.226
Yxy	89.7230, 0.3532, 0.3819
Android (android.graphics.Color)	4294964415 (0xFFFFF4BF)
YUV	241.2470, -24.7718, 12.0614
Hunter-Lab	94.7222, -9.3911, 27.3503

Details

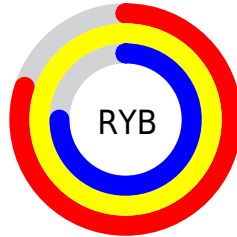
The Yxy color **89.7230, 0.3532, 0.3819** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.5001, 0.2705, 0.2699**, and the grayscale version is **88.3503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **49.7783, 0.3622, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **86.1098, 0.3706, 0.4033**, and if you desaturate by 10%, it is **93.6016, 0.3364, 0.3604**.

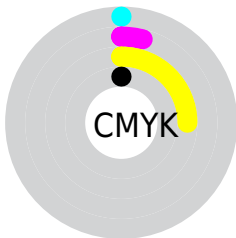
Distribution



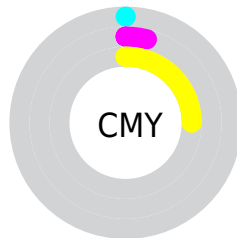
- Red (100%)
- Green (96%)
- Blue (75%)



- 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 89.7230, 0.3532, 0.3819 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 89.7230, 0.3532, 0.3819 by changing the saturation by 10% instead.


 89.7230, 0.3532,
0.3819

 89.7230, 0.3532,
0.3819


527.1294, 0.3354,
0.3582

 67.7509, 0.3570,
0.3871

 146.9536, 0.3472,
0.3739

 49.6951, 0.3616,
0.3934


182.9809, 0.3448,
0.3707

 35.1712, 0.3673,
0.4012

224.4620, 0.3427,
0.3679

 23.7948, 0.3743,
0.4110

271.7814, 0.3409,
0.3655

 15.1815, 0.3833,
0.4238

325.3234, 0.3393,
0.3634

 8.9468, 0.3950,
0.4410

385.4725, 0.3379,

 4.7065, 0.4104,

0.3615

0.4647

452.6130, 0.3366,
0.3598

■ 2.0761, 0.4593,
0.5324

■ 0.6511, 0.4403,
0.5597

■ 89.7230, 0.3532,
0.3819

■ 89.7230, 0.3532,
0.3819

■ 86.1098, 0.3706,
0.4033

■ 93.6016, 0.3364,
0.3604

■ 82.7394, 0.3879,
0.4237

■ 97.7432, 0.3204,
0.3393

■ 79.6043, 0.4046,
0.4421

99.9900, 0.3127,
0.3290

■ 76.6919, 0.4199,
0.4575

■ 73.9879, 0.4330,
0.4690

■ 71.4759, 0.4435,
0.4758

■ 69.1357, 0.4509,
0.4780

■ 68.0337, 0.4538,
0.4779

Harmonies

Analogous

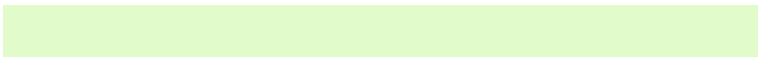
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7230, 0.3708, 0.3676



89.7230, 0.3532, 0.3819



89.7230, 0.3251, 0.3815

Triad

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



89.7230, 0.3532, 0.3819



89.7230, 0.2566, 0.3088



89.7230, 0.3292, 0.2967

Complementary

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



89.7230, 0.3532, 0.3819



60.5001, 0.2705, 0.2699

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.



89.7230, 0.2981, 0.2822



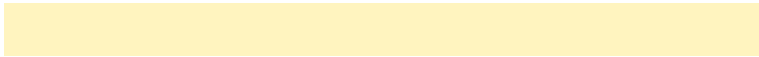
89.7230, 0.3532, 0.3819



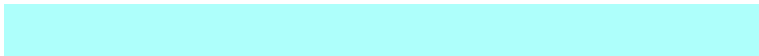
89.7230, 0.2574, 0.2878

Square

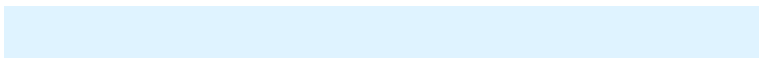
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.7230, 0.3532, 0.3819



89.7230, 0.2699, 0.3373



89.7230, 0.2722, 0.2787



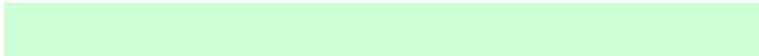
89.7230, 0.3568, 0.3190

Rectangle

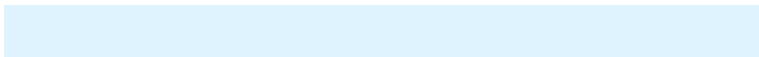
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.7230, 0.3532, 0.3819



89.7230, 0.3045, 0.3721



89.7230, 0.2722, 0.2787



89.7230, 0.3187, 0.2908

Sweetspot

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



89.7270, 0.3532, 0.3819



96.5515, 0.3250, 0.3454



62.8115, 0.3563, 0.3170



20.5314, 0.3273, 0.3486



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

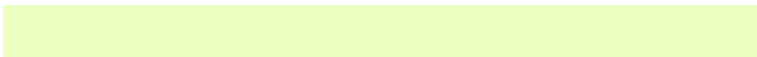
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.7270, 0.3532, 0.3819



87.9575, 0.3617, 0.3925



92.8591, 0.3372, 0.3948



20.5314, 0.3273, 0.3486



35.7598, 0.4532, 0.4784



3.6150, 0.4486, 0.4820

Inverse Universe

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



60.5001, 0.2705, 0.2699



54.2546, 0.2611, 0.2563



58.3654, 0.2834, 0.2600



17.8791, 0.2979, 0.3087



4.8423, 0.1542, 0.0749



0.6042, 0.1591, 0.0927

Previews

White Background



This preview shows how the Yxy color 89.7230, 0.3532, 0.3819 looks on a white background.

Color Contrast Check

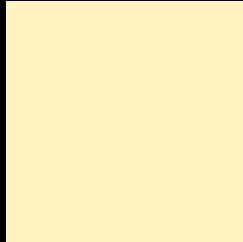
Large Text (above 18pt) WCAG AA × Fail

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 89.7230, 0.3532, 0.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

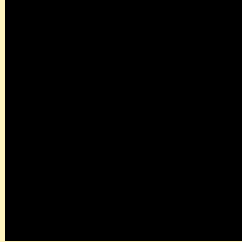
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.7230, 0.3532, 0.3819

Background



This preview shows how black text looks on a background with the Yxy color 89.7230, 0.3532, 0.3819.



This preview shows how white text looks on a background with the Yxy color 89.7230, 0.3532, 0.3819.

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

89.7230, 0.3532, 0.3819

Protanopia

89.8174, 0.3439, 0.3658

Deuteranopia

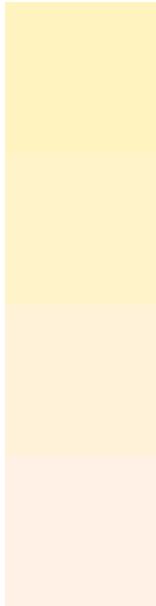
89.9401, 0.3282, 0.3388



Tritanopia

89.8951, 0.3165, 0.3184

Trichromacy



Original Color

89.7230, 0.3532, 0.3819

Protanomaly

89.5782, 0.3471, 0.3709

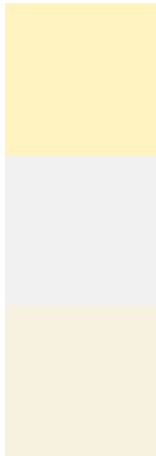
Deuteranomaly

89.7221, 0.3376, 0.3548

Tritanomaly

89.8277, 0.3295, 0.3408

Monochromacy



Original Color

89.7230, 0.3532, 0.3819

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.4248, 0.3271, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.7230, 0.3532, 0.3819 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, 244, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 191)  
}
```

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, 244, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 191) }
```

Border

The CSS property to change the border of an element to Yxy 89.7230, 0.3532, 0.3819 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, 244, 191) }
```

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

```
.border{ border-color:rgb(255, 244, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 89.7230, 0.3532, 0.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 191) }
```

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

```
.background{ background-color: rgb(255,  
244, 191) }
```

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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