

Converting Colors

$Y_{xy}(88.5943, 0.3532, 0.3793)$

Have a look what the booklet for
Yxy(88.5943, 0.3532, 0.3793)
contains.

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Color

Yxy(88.5700, 0.3531, 0.3790)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2C0
RGB	255, 242, 192
RGB Percent	100%, 95%, 75%
CMY	0.0000, 0.0510, 0.2471
CMYK	0.00, 0.05, 0.25, 0.00
HSL	48°, 100%, 88%
HSV	48°, 25%, 100%
XYZ	82.5173, 88.5700, 62.6066
YIQ	240.1870, 23.7980, -12.7940

Conversions

Conversions Part 2

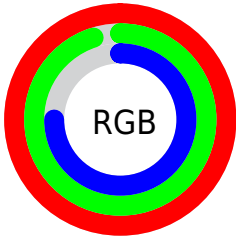
Format	Color
R _Y B	208, 255, 192
Decimal	16773824
CIE Lab	95.40, -3.19, 25.76
CIE LCh	95, 25.957, 97.056
Yxy	88.5700, 0.3531, 0.3790
Android (android.graphics.Color)	4294963904 (0xFFFFF2C0)
YUV	240.1870, -23.7562, 12.9910
Hunter-Lab	94.1116, -8.1861, 26.4362

Details

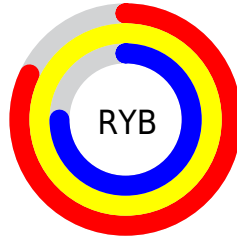
The Yxy color **88.5700, 0.3531, 0.3790** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.0840, 0.2714, 0.2734**, and the grayscale version is **87.4619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **48.9586, 0.3621, 0.3901** is the 20% darker color. If you saturate the color by 10%, you get **84.4431, 0.3709, 0.3996**, and if you desaturate by 10%, it is **92.9738, 0.3359, 0.3583**.

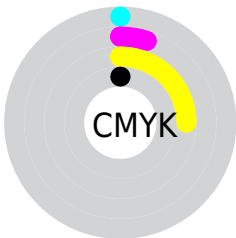
Distribution



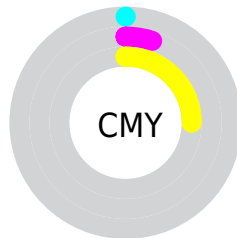
- Red (100%)
- Green (95%)
- Blue (75%)



- Red (82%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5700, 0.3531, 0.3790 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 88.5700, 0.3531, 0.3790 by changing the saturation by 10% instead.


 88.5700, 0.3531,
0.3790

 88.5700, 0.3531,
0.3790

523.3681, 0.3352,
0.3566

 66.7952, 0.3570,
0.3839


 145.3505, 0.3471,
0.3714

 48.9182, 0.3616,
0.3899


181.1249, 0.3447,
0.3684

 34.5546, 0.3674,
0.3972


222.3348, 0.3426,
0.3658

 23.3200, 0.3745,
0.4066

269.3643, 0.3408,
0.3635

 14.8300, 0.3838,
0.4187

322.5981, 0.3391,
0.3615

 8.7001, 0.3959,
0.4350

382.4203, 0.3377,

 4.5461, 0.4122,

0.3597

0.4577

449.2155, 0.3364,
0.3581

■ 1.9835, 0.4626,
0.5228

■ 0.5979, 0.4506,
0.5494

■ 88.5700, 0.3531,
0.3790

■ 88.5700, 0.3531,
0.3790

■ 84.4431, 0.3709,
0.3996

■ 92.9738, 0.3359,
0.3583

■ 80.5959, 0.3890,
0.4194

■ 97.6783, 0.3199,
0.3382

■ 77.0122, 0.4067,
0.4374

100.0000, 0.3127,
0.3290

■ 73.6789, 0.4232,
0.4524

■ 70.5816, 0.4377,
0.4635

■ 67.7035, 0.4496,
0.4701

■ 65.0243, 0.4584,
0.4718

■ 63.6727, 0.4622,
0.4712

Harmonies

Analogous

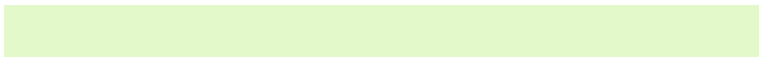
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5700, 0.3689, 0.3646



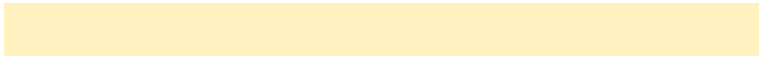
88.5700, 0.3531, 0.3790



88.5700, 0.3268, 0.3797

Triad

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



88.5700, 0.3531, 0.3790



88.5700, 0.2594, 0.3115



88.5700, 0.3263, 0.2968

Complementary

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



88.5700, 0.3531, 0.3790



62.0840, 0.2714, 0.2734

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.



88.5700, 0.2967, 0.2835



88.5700, 0.3531, 0.3790



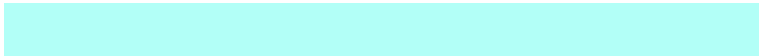
88.5700, 0.2592, 0.2907

Square

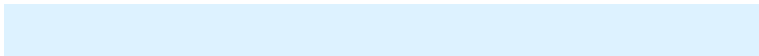
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5700, 0.3531, 0.3790



88.5700, 0.2731, 0.3390



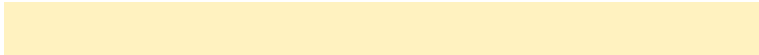
88.5700, 0.2725, 0.2811



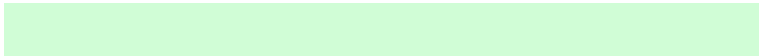
88.5700, 0.3533, 0.3177

Rectangle

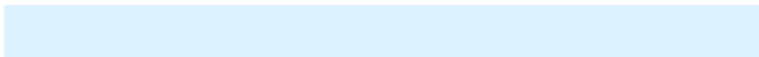
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.5700, 0.3531, 0.3790



88.5700, 0.3071, 0.3714



88.5700, 0.2725, 0.2811



88.5700, 0.3163, 0.2913

Sweetspot

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



88.5654, 0.3531, 0.3790



96.5749, 0.3234, 0.3427



63.3920, 0.3538, 0.3150



20.6093, 0.3244, 0.3439



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

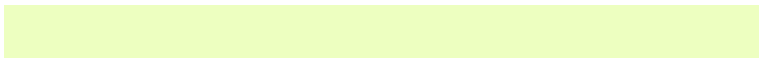
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5654, 0.3531, 0.3790



86.3503, 0.3624, 0.3900



93.3549, 0.3382, 0.3935



20.4165, 0.3274, 0.3477



33.4920, 0.4613, 0.4719



3.4137, 0.4556, 0.4765

Inverse Universe

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



62.0840, 0.2714, 0.2734



55.4572, 0.2615, 0.2595



58.5915, 0.2824, 0.2609



17.9850, 0.2979, 0.3095



5.2551, 0.1557, 0.0804



0.6592, 0.1611, 0.0998

Previews

White Background



This preview shows how the Yxy color 88.5700, 0.3531, 0.3790 looks on a white background.

Color Contrast Check

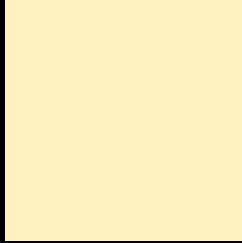
Large Text (above 18pt) WCAG AA × Fail

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 88.5700, 0.3531, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

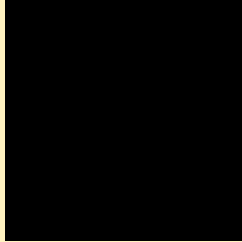
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.5700, 0.3531, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 88.5700, 0.3531, 0.3790.



This preview shows how white text looks on a background with the Yxy color 88.5700, 0.3531, 0.3790.

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

88.5700, 0.3531, 0.3790

Protanopia

88.3407, 0.3481, 0.3700

Deuteranopia

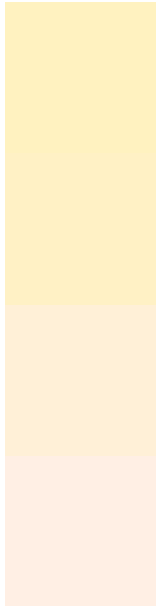
88.5944, 0.3303, 0.3399



Tritanopia

88.6057, 0.3179, 0.3184

Trichromacy



Original Color

88.5700, 0.3531, 0.3790

Protanomaly

88.2018, 0.3501, 0.3730

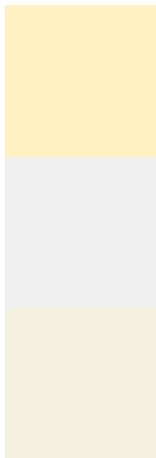
Deuteranomaly

88.4865, 0.3386, 0.3539

Tritanomaly

88.5944, 0.3303, 0.3399

Monochromacy



Original Color

88.5700, 0.3531, 0.3790

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.6508, 0.3265, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5700, 0.3531, 0.3790 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, 242, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 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, 242, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 192) }
```

Border

The CSS property to change the border of an element to Yxy 88.5700, 0.3531, 0.3790 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, 242, 192) }
```

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

```
.border{ border-color:rgb(255, 242, 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, 242, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5700, 0.3531, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 192) }
```

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

```
.background{ background-color: rgb(255,  
242, 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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