

Converting Colors

$Yxy(99.0953, 0.3900, 0.3747)$

Have a look what the booklet for
Yxy(99.0953, 0.3900, 0.3747)
contains.

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Color

Yxy(88.4820, 0.3543, 0.3810)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2BE
RGB	255, 242, 190
RGB Percent	100%, 95%, 75%
CMY	0.0001, 0.0509, 0.2548
CMYK	0.00, 0.05, 0.25, 0.00
HSL	48°, 100%, 87%
HSV	48°, 25%, 100%
XYZ	82.2813, 88.4820, 61.4729
YIQ	239.9590, 24.4400, -13.4160

Conversions

Conversions Part 2

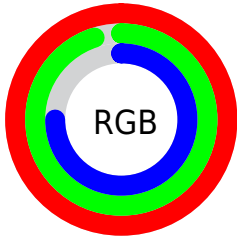
Format	Color
R _Y B	206, 255, 190
Decimal	16773822
CIE Lab	95.36, -3.48, 26.71
CIE LCh	95, 26.933, 97.433
Yxy	88.4820, 0.3543, 0.3810
Android (android.graphics.Color)	4294963902 (0xFFFFF2BE)
YUV	239.9590, -24.6298, 13.1910
Hunter-Lab	94.0649, -8.4744, 27.0984

Details

The Yxy color **88.4820, 0.3543, 0.3810** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.8760, 0.2699, 0.2710**, and the grayscale version is **87.2874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **48.9012, 0.3637, 0.3927** is the 20% darker color. If you saturate the color by 10%, you get **84.4795, 0.3721, 0.4018**, and if you desaturate by 10%, it is **92.7718, 0.3372, 0.3601**.

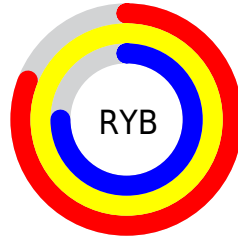
Distribution



Red (100%)

Green (95%)

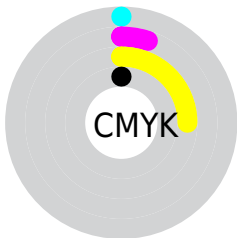
Blue (75%)



Red (81%)

Yellow (100%)

Blue (75%)

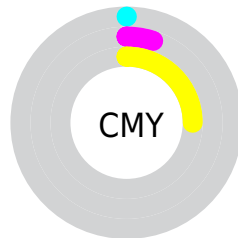


Cyan (0%)

Magenta (5%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.4820, 0.3543, 0.3810 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 88.4820, 0.3543, 0.3810 by changing the saturation by 10% instead.


 88.4820, 0.3543,
0.3810

 88.4820, 0.3543,
0.3810

523.0804, 0.3359,
0.3577

 66.7223, 0.3583,
0.3861


 145.2280, 0.3481,
0.3731

 48.8590, 0.3631,
0.3923


180.9831, 0.3456,
0.3700

 34.5076, 0.3689,
0.4000


222.1722, 0.3435,
0.3673

 23.2839, 0.3763,
0.4096

269.1796, 0.3416,
0.3649

 14.8032, 0.3857,
0.4222

322.3897, 0.3399,
0.3628

 8.6814, 0.3980,
0.4391

382.1870, 0.3385,

 4.5340, 0.4143,

0.3609

0.4625

448.9557, 0.3371,
0.3592

■ 1.9765, 0.4678,
0.5322

■ 0.5938, 0.4467,
0.5533

■ 88.4820, 0.3543,
0.3810

■ 88.4820, 0.3543,
0.3810

■ 84.4795, 0.3721,
0.4018

■ 92.7718, 0.3372,
0.3601

■ 80.7415, 0.3900,
0.4216

■ 97.3470, 0.3210,
0.3398

■ 77.2602, 0.4075,
0.4394

99.9949, 0.3127,
0.3290

■ 74.0227, 0.4236,
0.4543

■ 71.0144, 0.4377,
0.4652

■ 68.2185, 0.4491,
0.4715

■ 65.6142, 0.4574,
0.4730

■ 64.4844, 0.4605,
0.4725

Harmonies

Analogous

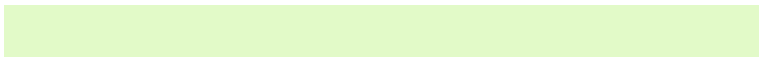
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4820, 0.3710, 0.3661



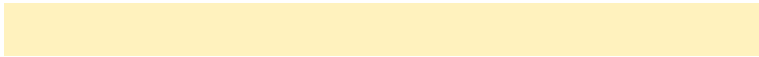
88.4820, 0.3543, 0.3810



88.4820, 0.3268, 0.3816

Triad

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



88.4820, 0.3543, 0.3810



88.4820, 0.2574, 0.3105



88.4820, 0.3272, 0.2958

Complementary

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



88.4820, 0.3543, 0.3810



60.8760, 0.2699, 0.2710

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.



88.4820, 0.2964, 0.2820



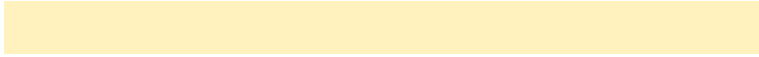
88.4820, 0.3543, 0.3810



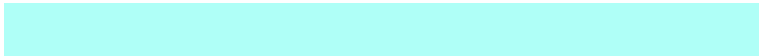
88.4820, 0.2574, 0.2891

Square

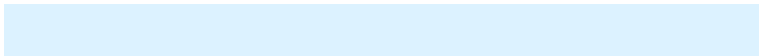
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4820, 0.3543, 0.3810



88.4820, 0.2714, 0.3390



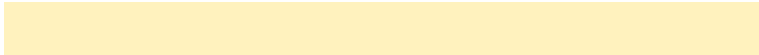
88.4820, 0.2713, 0.2793



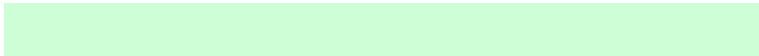
88.4820, 0.3551, 0.3176

Rectangle

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



88.4820, 0.3543, 0.3810



88.4820, 0.3064, 0.3728



88.4820, 0.2713, 0.2793



88.4820, 0.3168, 0.2902

Sweetspot

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



88.4860, 0.3543, 0.3810



96.1851, 0.3250, 0.3448



62.4072, 0.3563, 0.3157



20.4386, 0.3274, 0.3479



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

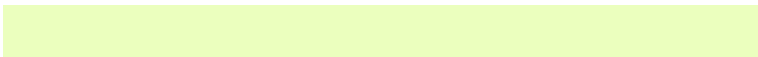
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4860, 0.3543, 0.3810



86.2576, 0.3641, 0.3925



92.9674, 0.3383, 0.3957



20.4386, 0.3274, 0.3479



33.9192, 0.4597, 0.4732



3.4518, 0.4542, 0.4775

Inverse Universe

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



60.8760, 0.2699, 0.2710



54.0228, 0.2595, 0.2561



57.6881, 0.2821, 0.2587



17.9646, 0.2979, 0.3094



5.1694, 0.1554, 0.0793



0.6481, 0.1607, 0.0984

Previews

White Background



This preview shows how the Yxy color 88.4820, 0.3543, 0.3810 looks on a white background.

Color Contrast Check

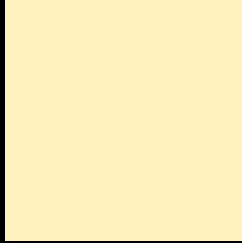
Large Text (above 18pt) WCAG AA × Fail

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 88.4820, 0.3543, 0.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

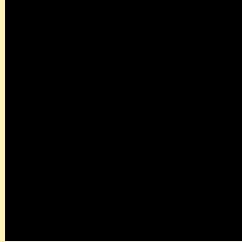
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.4820, 0.3543, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 88.4820, 0.3543, 0.3810.



This preview shows how white text looks on a background with the Yxy color 88.4820, 0.3543, 0.3810.

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

88.4820, 0.3543, 0.3810

Protanopia

88.2941, 0.3488, 0.3710

Deuteranopia

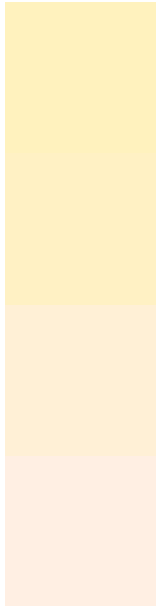
88.5944, 0.3303, 0.3399



Tritanopia

88.6057, 0.3179, 0.3184

Trichromacy



Original Color

88.4820, 0.3543, 0.3810

Protanomaly

88.1561, 0.3507, 0.3740

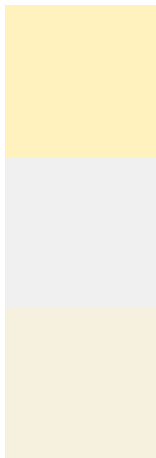
Deuteranomaly

88.4352, 0.3392, 0.3549

Tritanomaly

88.5391, 0.3310, 0.3409

Monochromacy



Original Color

88.4820, 0.3543, 0.3810

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.5970, 0.3271, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4820, 0.3543, 0.3810 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 190) }
```

Border

The CSS property to change the border of an element to Yxy 88.4820, 0.3543, 0.3810 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, 190) }
```

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

```
.border{ border-color:rgb(255, 242, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4820, 0.3543, 0.3810 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
242, 190) }
```

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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