

Converting Colors

$Yxy(87.8689, 0.3598, 0.3890)$

Have a look what the booklet for
Yxy(87.8689, 0.3598, 0.3890)
contains.

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Color

Yxy(88.1417, 0.3595, 0.3891)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2B6
RGB	255, 242, 182
RGB Percent	100%, 95%, 71%
CMY	0.0000, 0.0510, 0.2865
CMYK	0.00, 0.05, 0.29, 0.00
HSL	49°, 100%, 86%
HSV	49°, 29%, 100%
XYZ	81.4365, 88.1417, 56.9489
YIQ	239.0470, 27.0080, -15.9040

Conversions

Conversions Part 2

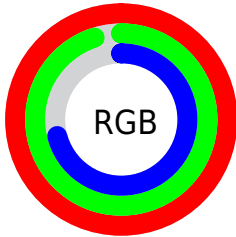
Format	Color
R _Y B	198, 255, 182
Decimal	16773814
CIE Lab	95.22, -4.50, 30.62
CIE LCh	95, 30.949, 98.370
Yxy	88.1417, 0.3595, 0.3891
Android (android.graphics.Color)	4294963894 (0xFFFFF2B6)
YUV	239.0470, -28.1242, 13.9908
Hunter-Lab	93.8838, -9.4626, 29.7540

Details

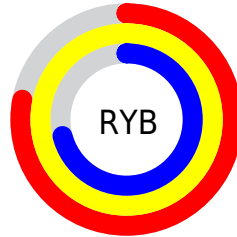
The Yxy color **88.1417, 0.3595, 0.3891** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.1653, 0.2638, 0.2607**, and the grayscale version is **86.5591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **48.5731, 0.3684, 0.4017** is the 20% darker color. If you saturate the color by 10%, you get **84.5151, 0.3770, 0.4101**, and if you desaturate by 10%, it is **92.0280, 0.3423, 0.3677**.

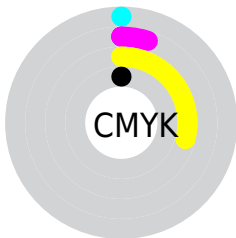
Distribution



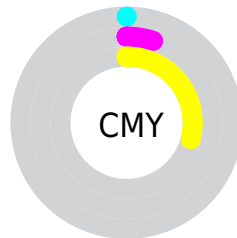
- Red (100%)
- Green (95%)
- Blue (71%)



- Red (78%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1417, 0.3595, 0.3891 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 88.1417, 0.3595, 0.3891 by changing the saturation by 10% instead.


 88.1417, 0.3595,
0.3891

 88.1417, 0.3595,
0.3891


521.9672, 0.3389,
0.3622

 66.4404, 0.3639,
0.3950

 144.7544, 0.3526,
0.3800

 48.6300, 0.3692,
0.4021

180.4347, 0.3498,
0.3764

 34.3261, 0.3757,
0.4109


221.5433, 0.3474,
0.3732

 23.1442, 0.3837,
0.4220

268.4648, 0.3453,
0.3705

 14.7000, 0.3938,
0.4363

321.5836, 0.3434,
0.3680

 8.6091, 0.4067,
0.4552

381.2840, 0.3418,

 4.4871, 0.4230,

0.3659

0.4807

447.9504, 0.3403,
0.3639

■ 1.9496, 0.4618,
0.5382

■ 0.5779, 0.4319,
0.5681

■ 88.1417, 0.3595,
0.3891

■ 88.1417, 0.3595,
0.3891

■ 84.5151, 0.3770,
0.4101

■ 92.0280, 0.3423,
0.3677

■ 81.1361, 0.3944,
0.4298

■ 96.1830, 0.3260,
0.3466

■ 77.9933, 0.4109,
0.4472

100.0000, 0.3127,
0.3290

■ 75.0734, 0.4257,
0.4612

■ 72.3614, 0.4382,
0.4709

■ 69.8397, 0.4478,
0.4760

■ 67.4833, 0.4546,
0.4766

■ 67.1728, 0.4555,
0.4766

Harmonies

Analogous

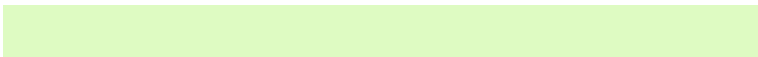
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1417, 0.3794, 0.3719



88.1417, 0.3595, 0.3891



88.1417, 0.3276, 0.3897

Triad

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



88.1417, 0.3595, 0.3891



88.1417, 0.2492, 0.3064



88.1417, 0.3303, 0.2918

Complementary

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



88.1417, 0.3595, 0.3891



56.1653, 0.2638, 0.2607

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.



88.1417, 0.2949, 0.2758



88.1417, 0.3595, 0.3891



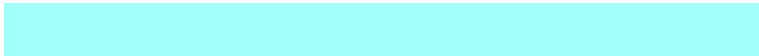
88.1417, 0.2498, 0.2825

Square

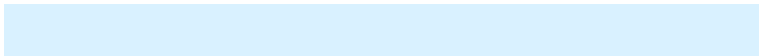
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1417, 0.3595, 0.3891



88.1417, 0.2646, 0.3393



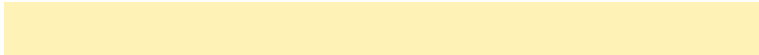
88.1417, 0.2659, 0.2721



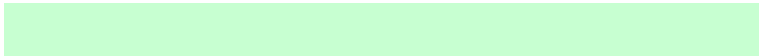
88.1417, 0.3624, 0.3166

Rectangle

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



88.1417, 0.3595, 0.3891



88.1417, 0.3042, 0.3792



88.1417, 0.2659, 0.2721



88.1417, 0.3184, 0.2853

Sweetspot

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



88.1421, 0.3595, 0.3891



96.0316, 0.3266, 0.3473



58.6513, 0.3646, 0.3152



20.4220, 0.3289, 0.3504



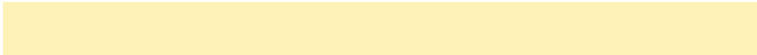
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

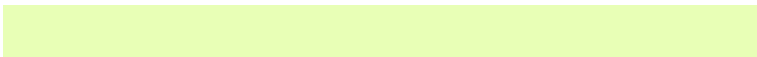
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1421, 0.3595, 0.3891



86.1689, 0.3689, 0.4004



92.0290, 0.3406, 0.4047



20.5085, 0.3274, 0.3484



35.2992, 0.4548, 0.4771



3.5742, 0.4500, 0.4809

Inverse Universe

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



56.1653, 0.2638, 0.2607



49.7444, 0.2534, 0.2455



53.6466, 0.2784, 0.2490



17.9001, 0.2979, 0.3088



4.9181, 0.1544, 0.0759



0.6146, 0.1595, 0.0941

Previews

White Background



This preview shows how the Yxy color 88.1417, 0.3595, 0.3891 looks on a white background.

Color Contrast Check

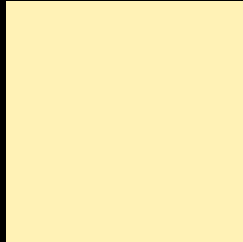
Large Text (above 18pt) WCAG AA × Fail

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 88.1417, 0.3595, 0.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

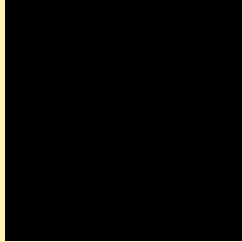
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.1417, 0.3595, 0.3891

Background



This preview shows how black text looks on a background with the Yxy color 88.1417, 0.3595, 0.3891.



This preview shows how white text looks on a background with the Yxy color 88.1417, 0.3595, 0.3891.

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

88.1417, 0.3595, 0.3891

Protanopia

88.1107, 0.3513, 0.3750

Deuteranopia

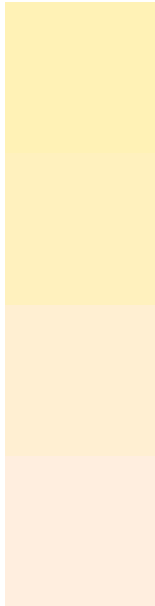
87.9001, 0.3317, 0.3409



Tritanopia

87.9663, 0.3186, 0.3183

Trichromacy



Original Color

88.1417, 0.3595, 0.3891

Protanomaly

87.8883, 0.3546, 0.3801

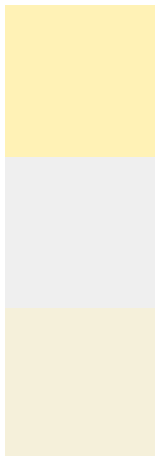
Deuteranomaly

87.6461, 0.3420, 0.3579

Tritanomaly

87.7368, 0.3337, 0.3439

Monochromacy



Original Color

88.1417, 0.3595, 0.3891

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.7946, 0.3298, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1417, 0.3595, 0.3891 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 182) }
```

Border

The CSS property to change the border of an element to Yxy 88.1417, 0.3595, 0.3891 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, 182) }
```

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

```
.border{ border-color:rgb(255, 242, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1417, 0.3595, 0.3891 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, 182) }
```

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

```
.background{ background-color: rgb(255,  
242, 182) }
```

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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