

Converting Colors

$Yxy(87.6487, 0.3619, 0.3921)$

Have a look what the booklet for
Yxy(87.6487, 0.3619, 0.3921)
contains.

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Color

Yxy(87.3849, 0.3623, 0.3921)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1B2
RGB	255, 241, 178
RGB Percent	100%, 95%, 70%
CMY	0.0000, 0.0549, 0.3019
CMYK	0.00, 0.05, 0.30, 0.00
HSL	49°, 100%, 85%
HSV	49°, 30%, 100%
XYZ	80.7436, 87.3849, 54.7354
YIQ	238.0040, 28.5670, -16.6250

Conversions

Conversions Part 2

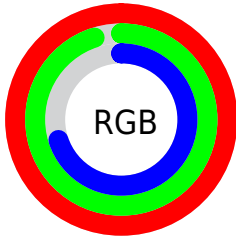
Format	Color
RYB	195, 255, 178
Decimal	16773554
CIELab	94.90, -4.48, 32.18
CIELCh	95, 32.494, 97.924
Yxy	87.3849, 0.3623, 0.3921
Android (android.graphics.Color)	4294963634 (0xFFFFF1B2)
YUV	238.0040, -29.5820, 14.9055
Hunter-Lab	93.4799, -9.4099, 30.7198

Details

The Yxy color **87.3849, 0.3623, 0.3921** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.3938, 0.2609, 0.2568**, and the grayscale version is **85.7164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **48.0489, 0.3720, 0.4055** is the 20% darker color. If you saturate the color by 10%, you get **83.7378, 0.3799, 0.4129**, and if you desaturate by 10%, it is **91.2839, 0.3450, 0.3708**.

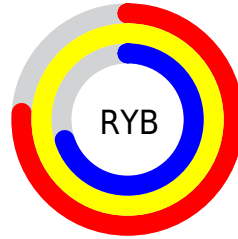
Distribution



Red (100%)

Green (95%)

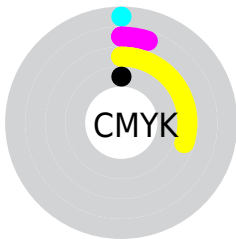
Blue (70%)



Red (76%)

Yellow (100%)

Blue (70%)

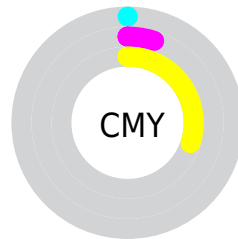


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.3849, 0.3623, 0.3921 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 87.3849, 0.3623, 0.3921 by changing the saturation by 10% instead.


 87.3849, 0.3623,
0.3921

 87.3849, 0.3623,
0.3921


519.4868, 0.3405,
0.3638

 65.8138, 0.3670,
0.3983


 143.7005, 0.3550,
0.3825

 48.1212, 0.3726,
0.4057

179.2138, 0.3521,
0.3787

 33.9229, 0.3794,
0.4149


220.1432, 0.3495,
0.3754

 22.8344, 0.3878,
0.4265

266.8732, 0.3473,
0.3725

 14.4713, 0.3984,
0.4413

319.7882, 0.3453,
0.3700

 8.4492, 0.4117,
0.4608

379.2725, 0.3435,

 4.3837, 0.4289,

0.3677

0.4875

445.7106, 0.3419,
0.3657

■ 1.8904, 0.4617,
0.5383

■ 0.5426, 0.4282,
0.5718

■ 87.3849, 0.3623,
0.3921

■ 87.3849, 0.3623,
0.3921

■ 83.7378, 0.3799,
0.4129

■ 91.2839, 0.3450,
0.3708

■ 80.3442, 0.3973,
0.4322

■ 95.4577, 0.3285,
0.3497

■ 77.1878, 0.4137,
0.4491

99.9118, 0.3130,
0.3294

■ 74.2551, 0.4283,
0.4624

100.0000, 0.3127,
0.3290

■ 71.5307, 0.4405,
0.4714

■ 68.9964, 0.4499,
0.4757

■ 66.6666, 0.4564,
0.4758

Harmonies

Analogous

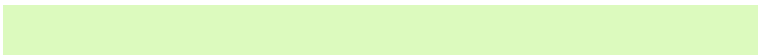
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3849, 0.3831, 0.3736



87.3849, 0.3623, 0.3921



87.3849, 0.3288, 0.3932

Triad

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



87.3849, 0.3623, 0.3921



87.3849, 0.2462, 0.3056



87.3849, 0.3307, 0.2896

Complementary

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



87.3849, 0.3623, 0.3921



54.3938, 0.2609, 0.2568

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.



87.3849, 0.2934, 0.2730



87.3849, 0.3623, 0.3921



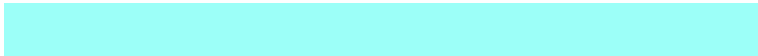
87.3849, 0.2465, 0.2803

Square

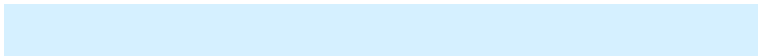
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3849, 0.3623, 0.3921



87.3849, 0.2624, 0.3403



87.3849, 0.2632, 0.2693



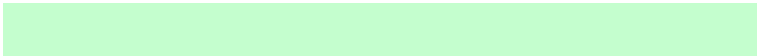
87.3849, 0.3646, 0.3155

Rectangle

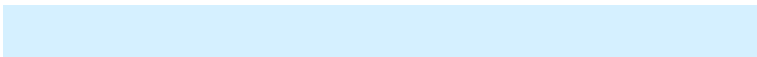
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3849, 0.3623, 0.3921



87.3849, 0.3042, 0.3824



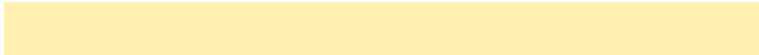
87.3849, 0.2632, 0.2693



87.3849, 0.3180, 0.2829

Sweetspot

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



87.3807, 0.3623, 0.3921



95.9737, 0.3266, 0.3473



56.9165, 0.3684, 0.3144



20.4076, 0.3289, 0.3503



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

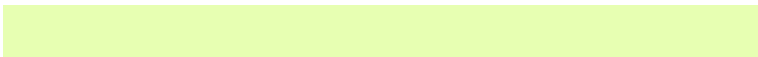
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3807, 0.3623, 0.3921



85.2338, 0.3725, 0.4043



91.6606, 0.3420, 0.4091



20.4955, 0.3274, 0.3483



35.0380, 0.4557, 0.4764



3.5511, 0.4508, 0.4803

Inverse Universe

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



54.3938, 0.2609, 0.2568



47.6309, 0.2496, 0.2402



51.6762, 0.2761, 0.2442



17.9121, 0.2979, 0.3089



4.9628, 0.1546, 0.0765



0.6207, 0.1597, 0.0948

Previews

White Background



This preview shows how the Yxy color 87.3849, 0.3623, 0.3921 looks on a white background.

Color Contrast Check

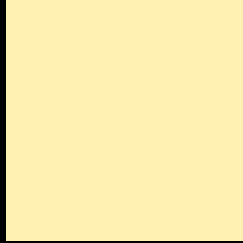
Large Text (above 18pt) WCAG AA × Fail

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 87.3849, 0.3623, 0.3921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

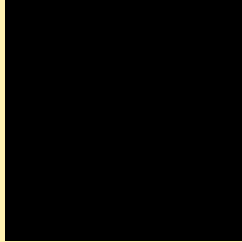
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.3849, 0.3623, 0.3921

Background



This preview shows how black text looks on a background with the Yxy color 87.3849, 0.3623, 0.3921.



This preview shows how white text looks on a background with the Yxy color 87.3849, 0.3623, 0.3921.

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

87.3849, 0.3623, 0.3921

Protanopia

87.2979, 0.3548, 0.3791

Deuteranopia

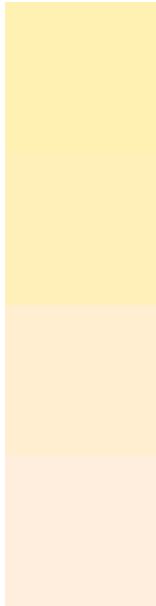
87.1561, 0.3338, 0.3429



Tritanopia

87.3305, 0.3192, 0.3183

Trichromacy



Original Color

87.3849, 0.3623, 0.3921

Protanomaly

87.1253, 0.3574, 0.3832

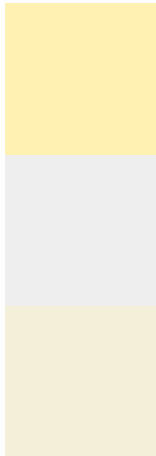
Deuteranomaly

86.9141, 0.3441, 0.3600

Tritanomaly

87.0488, 0.3351, 0.3449

Monochromacy



Original Color

87.3849, 0.3623, 0.3921

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.9240, 0.3305, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.3849, 0.3623, 0.3921 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, 241, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 178)  
}
```

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, 241, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 178) }
```

Border

The CSS property to change the border of an element to Yxy 87.3849, 0.3623, 0.3921 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, 241, 178) }
```

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

```
.border{ border-color:rgb(255, 241, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 87.3849, 0.3623, 0.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 178) }
```

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

```
.background{ background-color: rgb(255,  
241, 178) }
```

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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