

Converting Colors

$Y_{xy}(100.0000, 0.3991, 0.3827)$

Have a look what the booklet for
Yxy(100.0000, 0.3991, 0.3827)
contains.

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Color

Yxy(88.0595, 0.3607, 0.3911)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2B4
RGB	255, 242, 180
RGB Percent	100%, 95%, 71%
CMY	0.0002, 0.0509, 0.2942
CMYK	0.00, 0.05, 0.29, 0.00
HSL	50°, 100%, 85%
HSV	50°, 29%, 100%
XYZ	81.2147, 88.0595, 55.8843
YIQ	238.8190, 27.6500, -16.5260

Conversions

Conversions Part 2

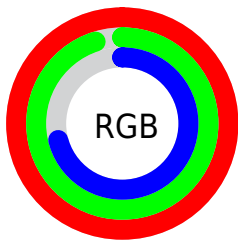
Format	Color
R _Y B	196, 255, 180
Decimal	16773812
CIE Lab	95.19, -4.79, 31.57
CIE LCh	95, 31.931, 98.623
Yxy	88.0595, 0.3607, 0.3911
Android (android.graphics.Color)	4294963892 (0xFFFFF2B4)
YUV	238.8190, -28.9978, 14.1907
Hunter-Lab	93.8400, -9.7356, 30.3792

Details

The Yxy color **88.0595, 0.3607, 0.3911** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.0155, 0.2623, 0.2581**, and the grayscale version is **86.3786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **48.5204, 0.3700, 0.4042** is the 20% darker color. If you saturate the color by 10%, you get **84.5326, 0.3782, 0.4121**, and if you desaturate by 10%, it is **91.8483, 0.3436, 0.3696**.

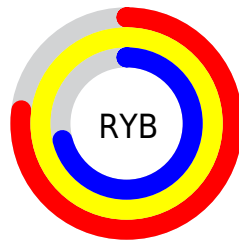
Distribution



Red (100%)

Green (95%)

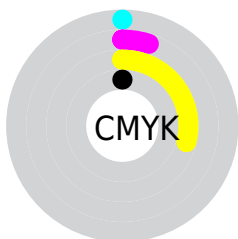
Blue (71%)



Red (77%)

Yellow (100%)

Blue (71%)

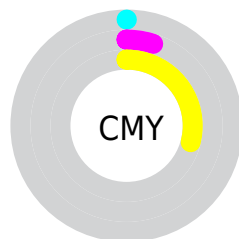


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0595, 0.3607, 0.3911 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 88.0595, 0.3607, 0.3911 by changing the saturation by 10% instead.

 88.0595, 0.3607,
0.3911

 88.0595, 0.3607,
0.3911


521.6981, 0.3396,
0.3633

 66.3723, 0.3652,
0.3972


 144.6400, 0.3536,
0.3817

 48.5747, 0.3706,
0.4045


180.3021, 0.3508,
0.3779

 34.2822, 0.3772,
0.4136


221.3914, 0.3483,
0.3747

 23.1105, 0.3853,
0.4250

268.2921, 0.3462,
0.3718

 14.6751, 0.3956,
0.4397

321.3888, 0.3443,
0.3693

 8.5917, 0.4085,
0.4590

381.0657, 0.3425,

 4.4758, 0.4249,

0.3671

0.4852

447.7073, 0.3410,
0.3651

■ 1.9431, 0.4602,
0.5398

■ 0.5741, 0.4276,
0.5724

■ 88.0595, 0.3607,
0.3911

■ 88.0595, 0.3607,
0.3911

■ 84.5326, 0.3782,
0.4121

■ 91.8483, 0.3436,
0.3696

■ 81.2449, 0.3953,
0.4318

■ 95.8973, 0.3272,
0.3483

■ 78.1882, 0.4116,
0.4490

99.9905, 0.3127,
0.3290

■ 75.3495, 0.4261,
0.4628

■ 72.7135, 0.4382,
0.4723

■ 70.2623, 0.4474,
0.4771

■ 67.9689, 0.4538,
0.4776

■ 67.8358, 0.4542,
0.4776

Harmonies

Analogous

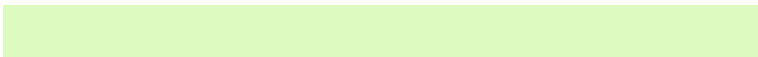
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0595, 0.3814, 0.3734



88.0595, 0.3607, 0.3911



88.0595, 0.3277, 0.3916

Triad

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



88.0595, 0.3607, 0.3911



88.0595, 0.2472, 0.3054



88.0595, 0.3312, 0.2909

Complementary

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



88.0595, 0.3607, 0.3911



55.0155, 0.2623, 0.2581

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.



88.0595, 0.2946, 0.2743



88.0595, 0.3607, 0.3911



88.0595, 0.2479, 0.2808

Square

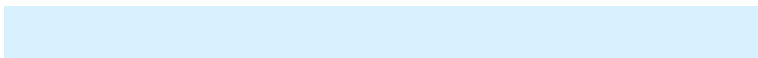
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0595, 0.3607, 0.3911



88.0595, 0.2629, 0.3393



88.0595, 0.2647, 0.2703



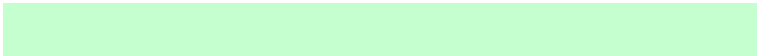
88.0595, 0.3642, 0.3164

Rectangle

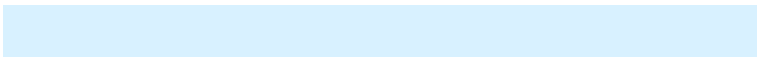
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0595, 0.3607, 0.3911



88.0595, 0.3035, 0.3807



88.0595, 0.2647, 0.2703



88.0595, 0.3188, 0.2841

Sweetspot

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



88.0635, 0.3607, 0.3911



96.1104, 0.3265, 0.3475



57.7672, 0.3665, 0.3148



20.4415, 0.3289, 0.3505



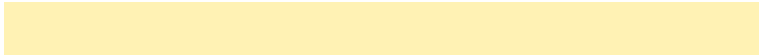
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

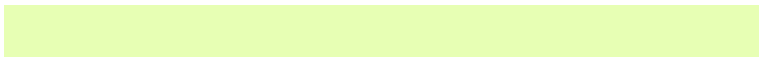
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0635, 0.3607, 0.3911



86.0961, 0.3705, 0.4030



91.8062, 0.3413, 0.4069



20.5263, 0.3273, 0.3485



35.6569, 0.4535, 0.4781



3.6059, 0.4489, 0.4817

Inverse Universe

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



55.0155, 0.2623, 0.2581



48.4038, 0.2514, 0.2420



52.6486, 0.2773, 0.2467



17.8838, 0.2979, 0.3087



4.8589, 0.1542, 0.0751



0.6065, 0.1592, 0.0930

Previews

White Background



This preview shows how the Yxy color 88.0595, 0.3607, 0.3911 looks on a white background.

Color Contrast Check

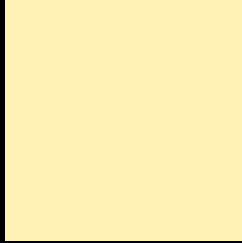
Large Text (above 18pt) WCAG AA × Fail

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 88.0595, 0.3607, 0.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

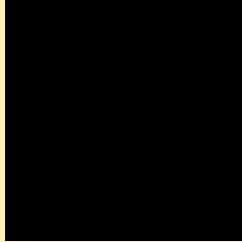
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.0595, 0.3607, 0.3911

Background



This preview shows how black text looks on a background with the Yxy color 88.0595, 0.3607, 0.3911.

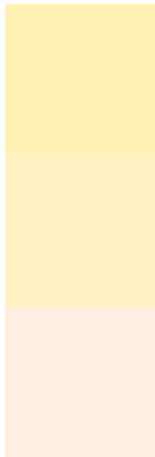


This preview shows how white text looks on a background with the Yxy color 88.0595, 0.3607, 0.3911.

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

88.0595, 0.3607, 0.3911

Protanopia

88.0656, 0.3520, 0.3760

Deuteranopia

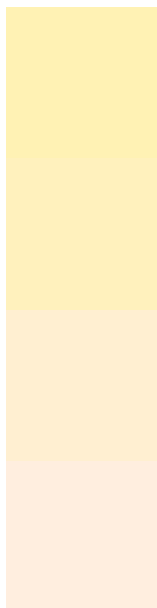
87.8453, 0.3324, 0.3419



Tritanopia

87.9663, 0.3186, 0.3183

Trichromacy



Original Color

88.0595, 0.3607, 0.3911

Protanomaly

87.8447, 0.3552, 0.3811

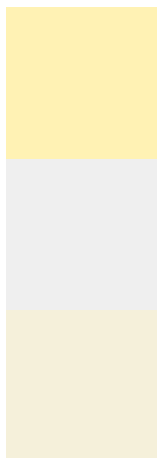
Deuteranomaly

87.5965, 0.3426, 0.3590

Tritanomaly

87.7368, 0.3337, 0.3439

Monochromacy



Original Color

88.0595, 0.3607, 0.3911

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 88.0595, 0.3607, 0.3911 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 180) }
```

Border

The CSS property to change the border of an element to Yxy 88.0595, 0.3607, 0.3911 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, 180) }
```

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

```
.border{ border-color:rgb(255, 242, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0595, 0.3607, 0.3911 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
242, 180) }
```

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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