

Converting Colors

$Y_{xy}(138.0598, 0.4571, 0.3497)$

Have a look what the booklet for
Yxy(138.0598, 0.4571, 0.3497)
contains.

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Color

Yxy(88.0852, 0.3438, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0CF
RGB	255, 240, 207
RGB Percent	100%, 94%, 81%
CMY	0.0000, 0.0589, 0.1882
CMYK	0.00, 0.06, 0.19, 0.00
HSL	41°, 100%, 91%
HSV	41°, 19%, 100%
XYZ	83.6797, 88.0852, 71.6316
YIQ	240.7230, 19.5330, -7.0830

Conversions

Conversions Part 2

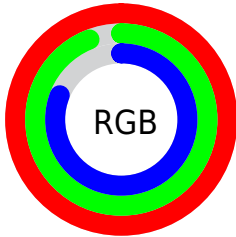
Format	Color
R _Y B	229, 255, 207
Decimal	16773327
CIE Lab	95.20, -0.08, 17.77
CIE LCh	95, 17.774, 90.262
Yxy	88.0852, 0.3438, 0.3619
Android (android.graphics.Color)	4294963407 (0xFFFFF0CF)
YUV	240.7230, -16.6254, 12.5209
Hunter-Lab	93.8537, -5.0939, 20.4459

Details

The Yxy color **88.0852, 0.3438, 0.3619** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.7452, 0.2823, 0.2938**, and the grayscale version is **87.8495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5867, 0.3502, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **82.3352, 0.3624, 0.3802**, and if you desaturate by 10%, it is **94.2287, 0.3266, 0.3441**.

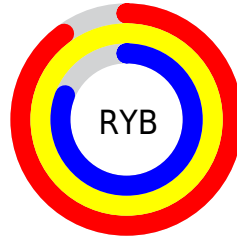
Distribution



Red (100%)

Green (94%)

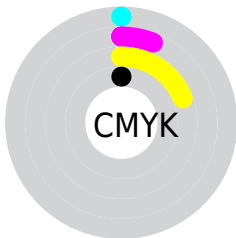
Blue (81%)



Red (90%)

Yellow (100%)

Blue (81%)

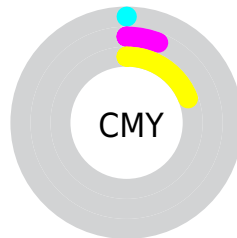


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.0852, 0.3438, 0.3619 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 88.0852, 0.3438, 0.3619 by changing the saturation by 10% instead.


 88.0852, 0.3438,
0.3619

 88.0852, 0.3438,
0.3619

521.7822, 0.3299,
0.3472

 66.3936, 0.3468,
0.3651


144.6758, 0.3391,
0.3569

 48.5920, 0.3506,
0.3691


180.3436, 0.3372,
0.3549

 34.2959, 0.3552,
0.3739


221.4389, 0.3356,
0.3532

 23.1210, 0.3610,
0.3801

268.3461, 0.3342,
0.3517

 14.6829, 0.3687,
0.3883

321.4497, 0.3329,
0.3504

 8.5972, 0.3792,
0.3993

381.1339, 0.3318,

 4.4794, 0.3942,

0.3492

0.4153

447.7833, 0.3308,
0.3482

■ 1.9452, 0.4214,
0.4441

■ 0.5753, 0.4864,
0.5136

■ 88.0852, 0.3438,
0.3619

■ 88.0852, 0.3438,
0.3619

■ 82.3352, 0.3624,
0.3802

■ 94.2287, 0.3266,
0.3441

■ 76.9881, 0.3823,
0.3982

100.0000, 0.3127,
0.3290

■ 72.0237, 0.4029,
0.4153

■ 67.4276, 0.4236,
0.4304

■ 63.1845, 0.4433,
0.4422

■ 59.2768, 0.4612,
0.4498

■ 55.6846, 0.4762,
0.4524

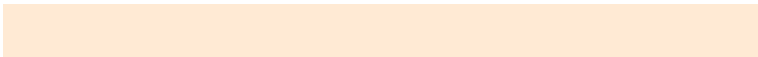
■ 52.3799, 0.4881,
0.4500

■ 52.0042, 0.4894,
0.4496

Harmonies

Analogous

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



88.0852, 0.3522, 0.3508



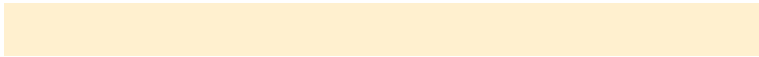
88.0852, 0.3438, 0.3619



88.0852, 0.3271, 0.3642

Triad

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



88.0852, 0.3438, 0.3619



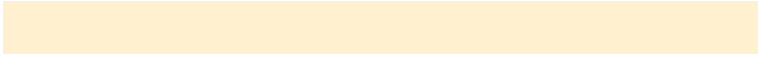
88.0852, 0.2771, 0.3215



88.0852, 0.3176, 0.3038

Complementary

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



88.0852, 0.3438, 0.3619



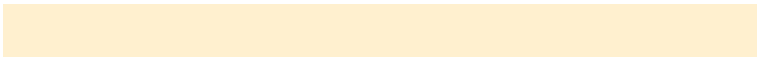
72.7452, 0.2823, 0.2938

Split Complementary

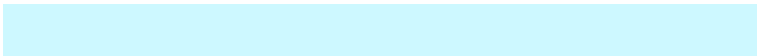
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0852, 0.2976, 0.2962



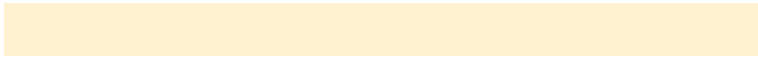
88.0852, 0.3438, 0.3619



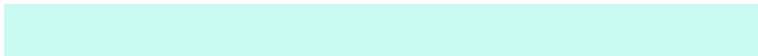
88.0852, 0.2747, 0.3056

Square

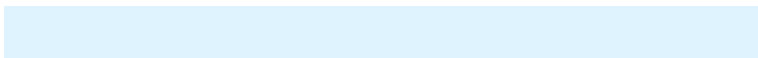
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0852, 0.3438, 0.3619



88.0852, 0.2888, 0.3403



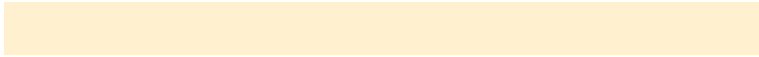
88.0852, 0.2821, 0.2966



88.0852, 0.3368, 0.3177

Rectangle

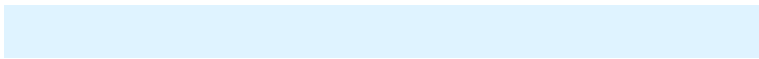
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0852, 0.3438, 0.3619



88.0852, 0.3137, 0.3600



88.0852, 0.2821, 0.2966



88.0852, 0.3107, 0.3005

Sweetspot

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



88.0780, 0.3438, 0.3619



96.0371, 0.3220, 0.3392



71.1781, 0.3383, 0.3137



20.4655, 0.3231, 0.3403



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

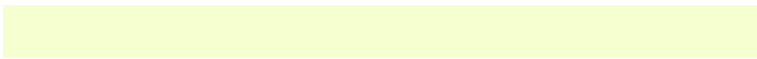
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0780, 0.3438, 0.3619



85.6272, 0.3514, 0.3695



95.6552, 0.3353, 0.3769



20.0756, 0.3277, 0.3453



27.4523, 0.4880, 0.4507



2.8684, 0.4782, 0.4585

Inverse Universe

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



72.7452, 0.2823, 0.2938



67.4511, 0.2751, 0.2849



66.4232, 0.2873, 0.2781



18.3049, 0.2979, 0.3122



6.9874, 0.1618, 0.1024



0.8657, 0.1679, 0.1245

Previews

White Background



This preview shows how the Yxy color 88.0852, 0.3438, 0.3619 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 88.0852, 0.3438, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

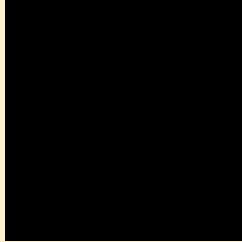
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.0852, 0.3438, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 88.0852, 0.3438, 0.3619.



This preview shows how white text looks on a background with the Yxy color 88.0852, 0.3438, 0.3619.

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

88.0852, 0.3438, 0.3619

Protanopia

88.2982, 0.3422, 0.3631

Deuteranopia

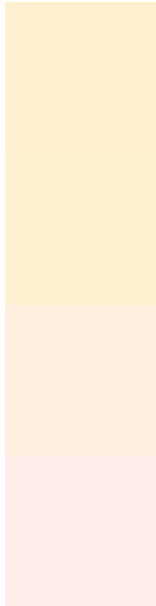
88.1222, 0.3292, 0.3369



Tritanopia

88.0905, 0.3173, 0.3164

Trichromacy



Original Color

88.0852, 0.3438, 0.3619

Protanomaly

88.4864, 0.3429, 0.3630

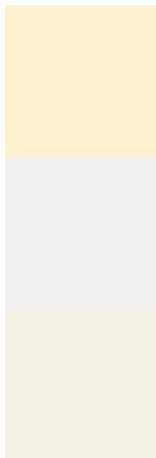
Deuteranomaly

88.2669, 0.3342, 0.3459

Tritanomaly

87.7689, 0.3267, 0.3320

Monochromacy



Original Color

88.0852, 0.3438, 0.3619

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.1606, 0.3234, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0852, 0.3438, 0.3619 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, 240, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 207)  
}
```

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, 240, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 207) }
```

Border

The CSS property to change the border of an element to Yxy 88.0852, 0.3438, 0.3619 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, 240, 207) }
```

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

```
.border{ border-color:rgb(255, 240, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0852, 0.3438, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 207) }
```

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

```
.background{ background-color: rgb(255,  
240, 207) }
```

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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