

Converting Colors

$Y_{xy}(111.2807, 0.3981, 0.3443)$

Have a look what the booklet for
Yxy(111.2807, 0.3981, 0.3443)
contains.

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Color

Yxy(88.8006, 0.3347, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0DD
RGB	255, 240, 221
RGB Percent	100%, 94%, 87%
CMY	0.0000, 0.0588, 0.1332
CMYK	0.00, 0.06, 0.13, 0.00
HSL	34°, 100%, 93%
HSV	34°, 13%, 100%
XYZ	85.4559, 88.8006, 81.0644
YIQ	242.3190, 15.0390, -2.7290

Conversions

Conversions Part 2

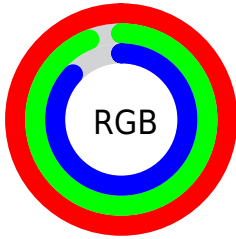
Format	Color
R_{YB}	248, 255, 221
Decimal	16773341
CIE _{Lab}	95.50, 1.99, 10.97
CIE _{LCh}	95, 11.148, 79.710
Yxy	88.8006, 0.3347, 0.3478
Android (android.graphics.Color)	4294963421 (0xFFFFF0DD)
YUV	242.3190, -10.5103, 11.1212
Hunter-Lab	94.2341, -3.0374, 14.9599

Details

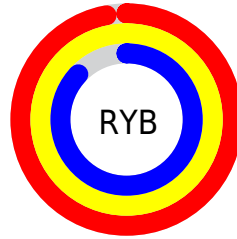
The Yxy color **88.8006, 0.3347, 0.3478** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **82.6060, 0.2918, 0.3095**, and the grayscale version is **89.1378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0399, 0.3394, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **81.1203, 0.3537, 0.3627**, and if you desaturate by 10%, it is **97.1043, 0.3179, 0.3336**.

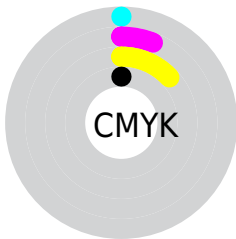
Distribution



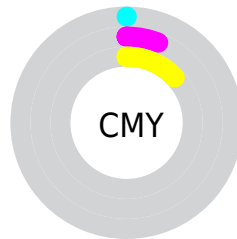
- Red (100%)
- Green (94%)
- Blue (87%)



- Red (97%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8006, 0.3347, 0.3478 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 88.8006, 0.3347, 0.3478 by changing the saturation by 10% instead.


 88.8006, 0.3347,
0.3478

 88.8006, 0.3347,
0.3478

524.1215, 0.3249,
0.3394

 66.9863, 0.3369,
0.3496


145.6712, 0.3313,
0.3450

 49.0735, 0.3395,
0.3519


181.4964, 0.3300,
0.3438

 34.6778, 0.3428,
0.3546


222.7606, 0.3289,
0.3429

 23.4148, 0.3470,
0.3581

269.8483, 0.3279,
0.3420

 14.9001, 0.3526,
0.3628

323.1438, 0.3270,
0.3413

 8.7493, 0.3603,
0.3691

383.0316, 0.3262,

 4.5780, 0.3717,

0.3406

0.3783

449.8960, 0.3255,
0.3400

■ 2.0019, 0.3899,
0.3927

■ 0.6086, 0.5075,
0.4925

■ 88.8006, 0.3347,
0.3478

■ 88.8006, 0.3347,
0.3478

■ 81.1203, 0.3537,
0.3627

■ 97.1043, 0.3179,
0.3336

■ 74.0384, 0.3748,
0.3779

100.0000, 0.3127,
0.3290

■ 67.5401, 0.3979,
0.3927

■ 61.6066, 0.4225,
0.4062

■ 56.2179, 0.4478,
0.4174

■ 51.3523, 0.4727,
0.4249

■ 46.9855, 0.4955,
0.4276

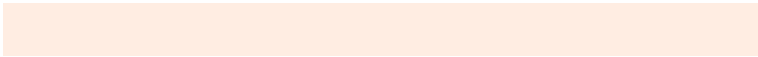
■ 43.0895, 0.5150,
0.4249

■ 40.7267, 0.5262,
0.4204

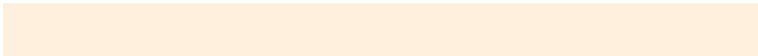
Harmonies

Analogous

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



88.8006, 0.3375, 0.3396



88.8006, 0.3347, 0.3478



88.8006, 0.3259, 0.3511

Triad

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



88.8006, 0.3347, 0.3478



88.8006, 0.2923, 0.3286



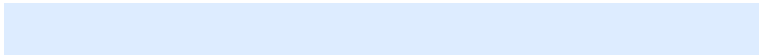
88.8006, 0.3113, 0.3108

Complementary

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



88.8006, 0.3347, 0.3478



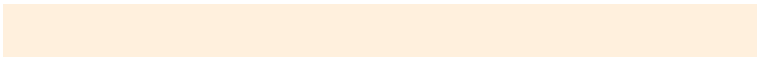
82.6060, 0.2918, 0.3095

Split Complementary

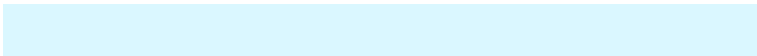
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8006, 0.2994, 0.3077



88.8006, 0.3347, 0.3478



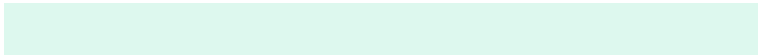
88.8006, 0.2885, 0.3176

Square

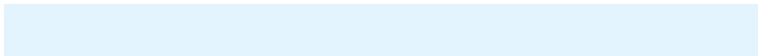
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8006, 0.3347, 0.3478



88.8006, 0.3014, 0.3399



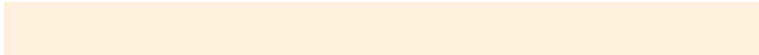
88.8006, 0.2911, 0.3101



88.8006, 0.3239, 0.3185

Rectangle

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



88.8006, 0.3347, 0.3478



88.8006, 0.3180, 0.3499



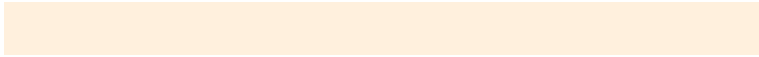
88.8006, 0.2911, 0.3101



88.8006, 0.3071, 0.3092

Sweetspot

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



88.8034, 0.3347, 0.3478



96.5204, 0.3189, 0.3345



79.0648, 0.3267, 0.3139



20.5217, 0.3201, 0.3355



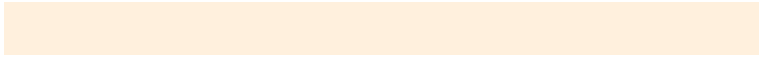
0.0000, 0.0000, 0.0000



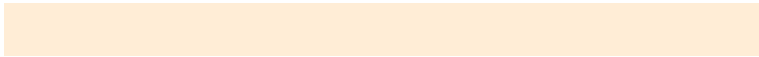
21.4041, 0.3127, 0.3290

Same Dimension

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



88.8034, 0.3347, 0.3478



86.6848, 0.3396, 0.3517



97.6815, 0.3316, 0.3622



19.6698, 0.3280, 0.3423



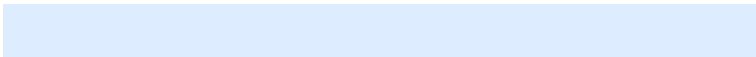
21.5833, 0.5239, 0.4222



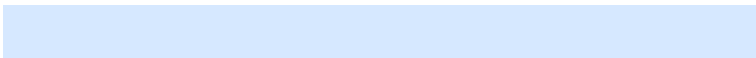
2.3194, 0.5087, 0.4343

Inverse Universe

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



82.6060, 0.2918, 0.3095



79.3807, 0.2874, 0.3052



74.5954, 0.2924, 0.2937



18.6978, 0.2979, 0.3154



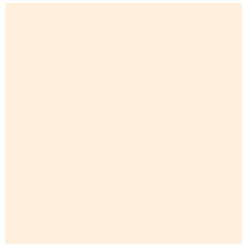
10.1828, 0.1718, 0.1384



1.2049, 0.1779, 0.1603

Previews

White Background



This preview shows how the Yxy color 88.8006, 0.3347, 0.3478 looks on a white background.

Color Contrast Check

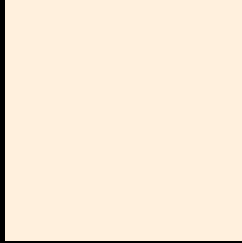
Large Text (above 18pt) WCAG AA × Fail

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 88.8006, 0.3347, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

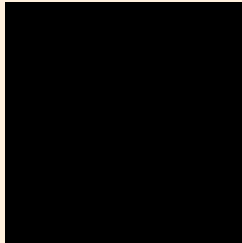
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.8006, 0.3347, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 88.8006, 0.3347, 0.3478.

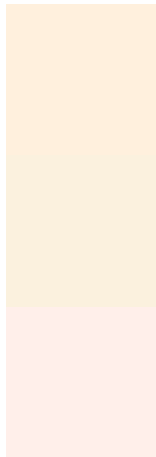


This preview shows how white text looks on a background with the Yxy color 88.8006, 0.3347, 0.3478.

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

88.8006, 0.3347, 0.3478

Protanopia

88.6937, 0.3312, 0.3480

Deuteranopia

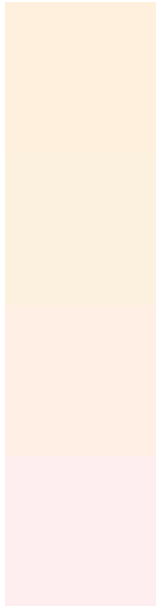
88.9335, 0.3265, 0.3339



Tritanopia

88.7934, 0.3160, 0.3155

Trichromacy



Original Color

88.8006, 0.3347, 0.3478

Protanomaly

88.8800, 0.3319, 0.3479

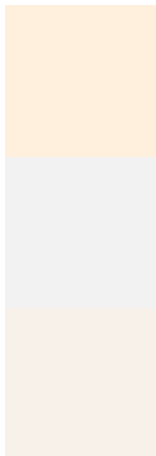
Deuteranomaly

88.6501, 0.3297, 0.3389

Tritanomaly

88.7003, 0.3228, 0.3271

Monochromacy



Original Color

88.8006, 0.3347, 0.3478

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.6253, 0.3210, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8006, 0.3347, 0.3478 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 221) }
```

Border

The CSS property to change the border of an element to Yxy 88.8006, 0.3347, 0.3478 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, 221) }
```

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

```
.border{ border-color:rgb(255, 240, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8006, 0.3347, 0.3478 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
240, 221) }
```

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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