

Converting Colors

$Yxy(98.8010, 0.3695, 0.3450)$

Have a look what the booklet for
Yxy(98.8010, 0.3695, 0.3450)
contains.

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Color

Yxy(88.2135, 0.3348, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFDD
RGB	255, 239, 221
RGB Percent	100%, 94%, 87%
CMY	0.0003, 0.0626, 0.1334
CMYK	0.00, 0.06, 0.13, 0.00
HSL	32°, 100%, 93%
HSV	32°, 13%, 100%
XYZ	85.1366, 88.2135, 80.9408
YIQ	241.7320, 15.3140, -2.2060

Conversions

Conversions Part 2

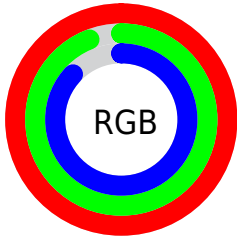
Format	Color
R _Y B	251, 255, 221
Decimal	16773085
CIE Lab	95.25, 2.45, 10.64
CIE LCh	95, 10.915, 77.023
Yxy	88.2135, 0.3348, 0.3469
Android (android.graphics.Color)	4294963165 (0xFFFFEFDD)
YUV	241.7320, -10.2209, 11.6360
Hunter-Lab	93.9220, -2.5605, 14.6501

Details

The Yxy color **88.2135, 0.3348, 0.3469** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0910, 0.2918, 0.3104**, and the grayscale version is **88.6389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6259, 0.3396, 0.3506** is the 20% darker color. If you saturate the color by 10%, you get **80.1958, 0.3540, 0.3611**, and if you desaturate by 10%, it is **96.9073, 0.3179, 0.3333**.

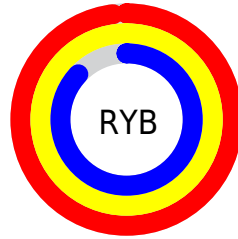
Distribution



Red (100%)

Green (94%)

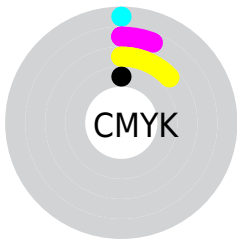
Blue (87%)



Red (98%)

Yellow (100%)

Blue (87%)

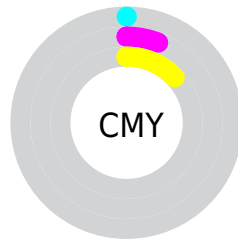


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2135, 0.3348, 0.3469 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 88.2135, 0.3348, 0.3469 by changing the saturation by 10% instead.

 88.2135, 0.3348,
0.3469

 88.2135, 0.3348,
0.3469

522.2021, 0.3249,
0.3389

 66.4999, 0.3370,
0.3486

144.8544, 0.3314,
0.3442

 48.6783, 0.3397,
0.3508


180.5504, 0.3301,
0.3431

 34.3644, 0.3430,
0.3534


221.6761, 0.3289,
0.3422

 23.1737, 0.3472,
0.3567

268.6157, 0.3279,
0.3414

 14.7218, 0.3529,
0.3611

321.7537, 0.3270,
0.3407

 8.6244, 0.3607,
0.3672

381.4746, 0.3262,

 4.4970, 0.3723,

0.3400

0.3759

448.1626, 0.3255,
0.3395

■ 1.9553, 0.3910,
0.3897

■ 0.5813, 0.5130,
0.4870

■ 88.2135, 0.3348,
0.3469

■ 88.2135, 0.3348,
0.3469

■ 80.1958, 0.3540,
0.3611

■ 96.9073, 0.3179,
0.3333

■ 72.8245, 0.3755,
0.3756

99.9861, 0.3127,
0.3290

■ 66.0843, 0.3992,
0.3897

■ 59.9550, 0.4247,
0.4027

■ 54.4149, 0.4511,
0.4133

■ 49.4405, 0.4772,
0.4203

■ 45.0056, 0.5015,
0.4224

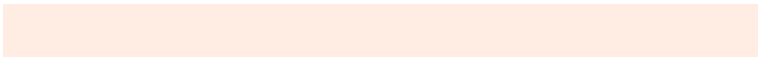
■ 41.0806, 0.5223,
0.4190

■ 38.7159, 0.5342,
0.4141

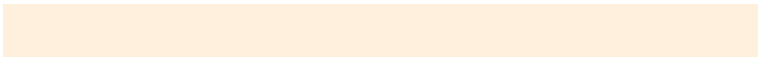
Harmonies

Analogous

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



88.2135, 0.3370, 0.3385



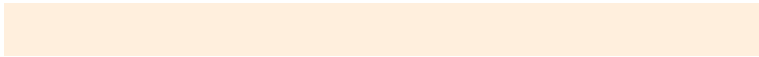
88.2135, 0.3348, 0.3469



88.2135, 0.3266, 0.3506

Triad

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



88.2135, 0.3348, 0.3469



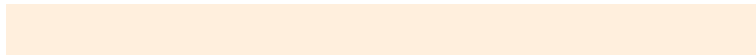
88.2135, 0.2933, 0.3296



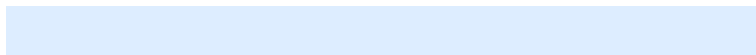
88.2135, 0.3102, 0.3106

Complementary

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



88.2135, 0.3348, 0.3469



83.0910, 0.2918, 0.3104

Split Complementary

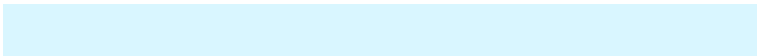
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2135, 0.2987, 0.3081



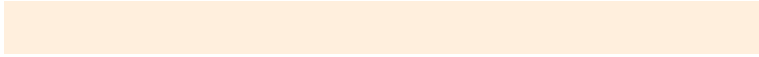
88.2135, 0.3348, 0.3469



88.2135, 0.2891, 0.3187

Square

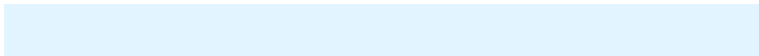
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2135, 0.3348, 0.3469



88.2135, 0.3026, 0.3406



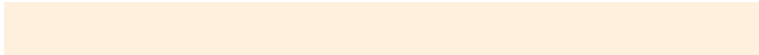
88.2135, 0.2910, 0.3109



88.2135, 0.3226, 0.3178

Rectangle

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



88.2135, 0.3348, 0.3469



88.2135, 0.3190, 0.3498



88.2135, 0.2910, 0.3109



88.2135, 0.3061, 0.3092

Sweetspot

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



88.2174, 0.3348, 0.3469



96.3495, 0.3190, 0.3342



79.0933, 0.3259, 0.3128



20.4784, 0.3202, 0.3352



0.0000, 0.0000, 0.0000



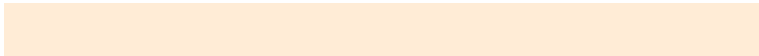
21.4041, 0.3127, 0.3290

Same Dimension

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



88.2174, 0.3348, 0.3469



86.0513, 0.3397, 0.3507



97.8325, 0.3323, 0.3621



19.5858, 0.3281, 0.3416



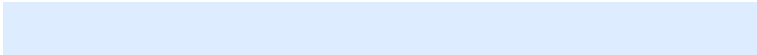
20.5447, 0.5318, 0.4159



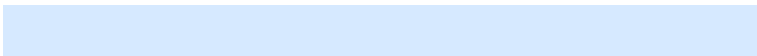
2.2192, 0.5155, 0.4289

Inverse Universe

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



83.0910, 0.2918, 0.3104



80.0013, 0.2874, 0.3063



74.3850, 0.2917, 0.2937



18.7807, 0.2979, 0.3160



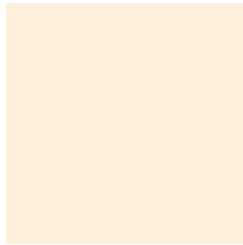
11.0161, 0.1742, 0.1470



1.2890, 0.1801, 0.1683

Previews

White Background



This preview shows how the Yxy color 88.2135, 0.3348, 0.3469 looks on a white background.

Color Contrast Check

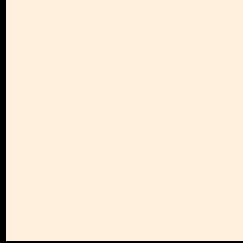
Large Text (above 18pt) WCAG AA × Fail

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 88.2135, 0.3348, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

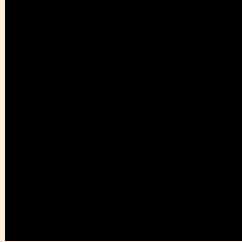
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.2135, 0.3348, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 88.2135, 0.3348, 0.3469.

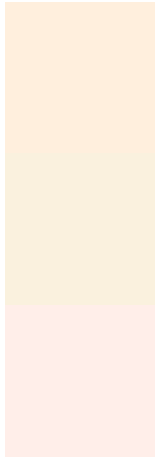


This preview shows how white text looks on a background with the Yxy color 88.2135, 0.3348, 0.3469.

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

88.2135, 0.3348, 0.3469

Protanopia

88.5085, 0.3305, 0.3480

Deuteranopia

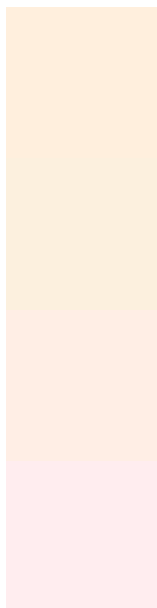
88.2923, 0.3273, 0.3340



Tritanopia

88.1530, 0.3167, 0.3155

Trichromacy



Original Color

88.2135, 0.3348, 0.3469

Protanomaly

88.2895, 0.3320, 0.3469

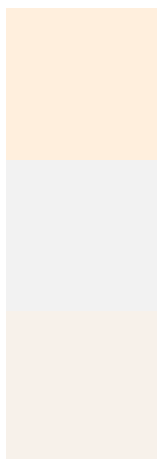
Deuteranomaly

88.0662, 0.3298, 0.3379

Tritanomaly

88.0604, 0.3235, 0.3271

Monochromacy



Original Color

88.2135, 0.3348, 0.3469

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 88.2135, 0.3348, 0.3469 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, 239, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 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, 239, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 221) }
```

Border

The CSS property to change the border of an element to Yxy 88.2135, 0.3348, 0.3469 is called "border". The border property can be set on classes, ids or directly on the HTML element.

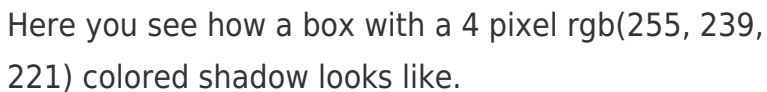
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 239, 221) }
```

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

```
.border{ border-color:rgb(255, 239, 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, 239, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 239, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 239, 221); box-shadow:4px 4px 4px 4px rgb(255, 239, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2135, 0.3348, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 221) }
```

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

```
.background{ background-color: rgb(255,  
239, 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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