

Converting Colors

$Y_{xy}(93.1250, 0.3535, 0.3475)$

Have a look what the booklet for
Yxy(93.1250, 0.3535, 0.3475)
contains.

Yxy(88.1075, 0.3361, 0.3489)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(88.1075, 0.3361, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFDB
RGB	255, 239, 219
RGB Percent	100%, 94%, 86%
CMY	0.0002, 0.0626, 0.1412
CMYK	0.00, 0.06, 0.14, 0.00
HSL	33°, 100%, 93%
HSV	33°, 14%, 100%
XYZ	84.8751, 88.1075, 79.5468
YIQ	241.5040, 15.9560, -2.8280

Conversions

Conversions Part 2

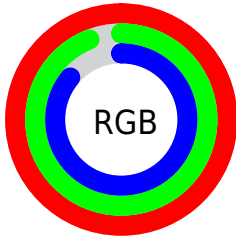
Format	Color
R _Y B	248, 255, 219
Decimal	16773083
CIE Lab	95.21, 2.15, 11.61
CIE LCh	95, 11.803, 79.508
Yxy	88.1075, 0.3361, 0.3489
Android (android.graphics.Color)	4294963163 (0xFFFFEFDB)
YUV	241.5040, -11.0945, 11.8360
Hunter-Lab	93.8656, -2.8616, 15.4604

Details

The Yxy color **88.1075, 0.3361, 0.3489** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.6394, 0.2905, 0.3083**, and the grayscale version is **88.4573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5531, 0.3413, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **80.4654, 0.3552, 0.3638**, and if you desaturate by 10%, it is **96.3758, 0.3191, 0.3346**.

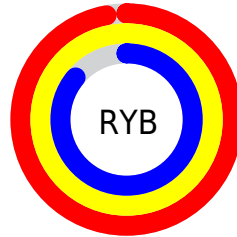
Distribution



Red (100%)

Green (94%)

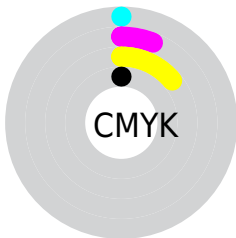
Blue (86%)



Red (97%)

Yellow (100%)

Blue (86%)

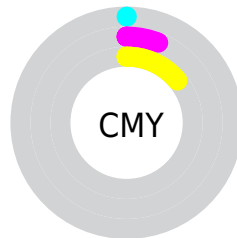


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1075, 0.3361, 0.3489 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 88.1075, 0.3361, 0.3489 by changing the saturation by 10% instead.

 88.1075, 0.3361,
0.3489

 88.1075, 0.3361,
0.3489

521.8552, 0.3256,
0.3401

 66.4121, 0.3384,
0.3508


144.7068, 0.3325,
0.3459

 48.6070, 0.3412,
0.3532

180.3795, 0.3311,
0.3447

 34.3078, 0.3448,
0.3561


221.4801, 0.3299,
0.3437

 23.1302, 0.3493,
0.3599

268.3930, 0.3288,
0.3428

 14.6897, 0.3552,
0.3648

321.5025, 0.3279,
0.3420

 8.6019, 0.3635,
0.3715

381.1932, 0.3270,

 4.4824, 0.3757,

0.3413

0.3812

447.8493, 0.3263,
0.3406

■ 1.9469, 0.3952,
0.3965

■ 0.5764, 0.5102,
0.4898

■ 88.1075, 0.3361,
0.3489

■ 88.1075, 0.3361,
0.3489

■ 80.4654, 0.3552,
0.3638

■ 96.3758, 0.3191,
0.3346

■ 73.4209, 0.3765,
0.3789

99.9884, 0.3127,
0.3290

■ 66.9602, 0.3998,
0.3936

■ 61.0644, 0.4246,
0.4070

■ 55.7135, 0.4499,
0.4179

■ 50.8852, 0.4747,
0.4251

■ 46.5552, 0.4974,
0.4274

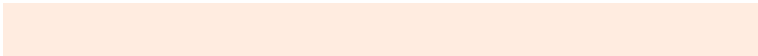
■ 42.6950, 0.5167,
0.4242

■ 40.6175, 0.5265,
0.4201

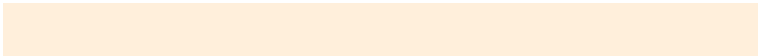
Harmonies

Analogous

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



88.1075, 0.3391, 0.3402



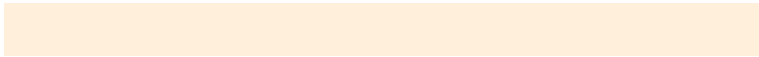
88.1075, 0.3361, 0.3489



88.1075, 0.3268, 0.3524

Triad

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



88.1075, 0.3361, 0.3489



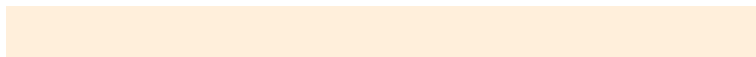
88.1075, 0.2911, 0.3286



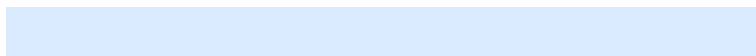
88.1075, 0.3111, 0.3096

Complementary

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



88.1075, 0.3361, 0.3489



81.6394, 0.2905, 0.3083

Split Complementary

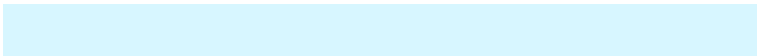
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1075, 0.2985, 0.3064



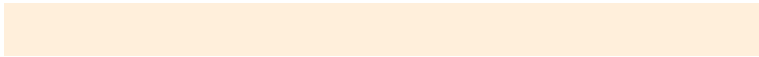
88.1075, 0.3361, 0.3489



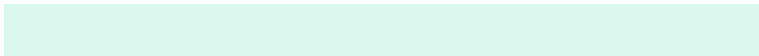
88.1075, 0.2871, 0.3170

Square

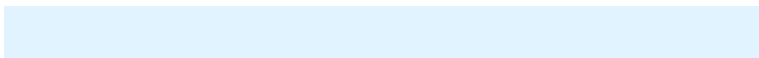
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1075, 0.3361, 0.3489



88.1075, 0.3008, 0.3406



88.1075, 0.2897, 0.3090



88.1075, 0.3245, 0.3178

Rectangle

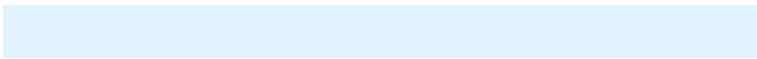
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.1075, 0.3361, 0.3489



88.1075, 0.3184, 0.3512



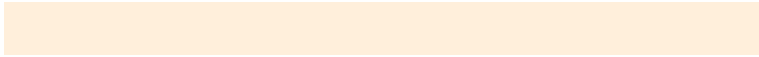
88.1075, 0.2897, 0.3090



88.1075, 0.3067, 0.3079

Sweetspot

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



88.1114, 0.3361, 0.3489



96.5131, 0.3189, 0.3345



77.9173, 0.3276, 0.3130



20.5198, 0.3201, 0.3355



0.0000, 0.0000, 0.0000



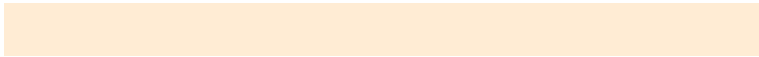
21.4041, 0.3127, 0.3290

Same Dimension

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



88.1114, 0.3361, 0.3489



85.8768, 0.3414, 0.3532



97.5045, 0.3327, 0.3642



19.6662, 0.3280, 0.3422



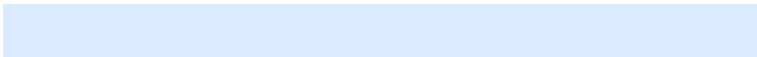
21.5376, 0.5243, 0.4219



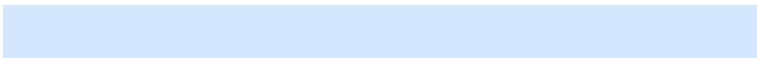
2.3150, 0.5090, 0.4340

Inverse Universe

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



81.6394, 0.2905, 0.3083



78.2280, 0.2857, 0.3036



73.2166, 0.2911, 0.2915



18.7013, 0.2979, 0.3154



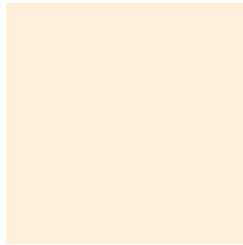
10.2172, 0.1719, 0.1388



1.2084, 0.1780, 0.1606

Previews

White Background



This preview shows how the Yxy color 88.1075, 0.3361, 0.3489 looks on a white background.

Color Contrast Check

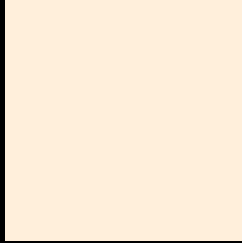
Large Text (above 18pt) WCAG AA × Fail

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 88.1075, 0.3361, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

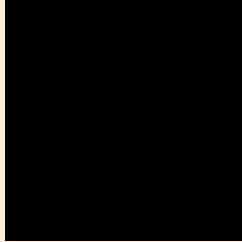
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.1075, 0.3361, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 88.1075, 0.3361, 0.3489.

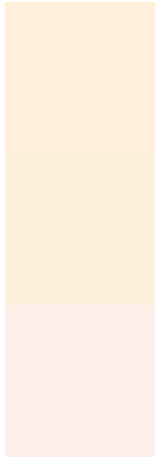


This preview shows how white text looks on a background with the Yxy color 88.1075, 0.3361, 0.3489.

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

88.1075, 0.3361, 0.3489

Protanopia

87.9967, 0.3326, 0.3490

Deuteranopia

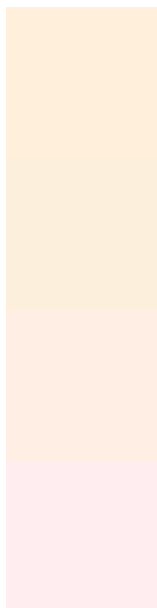
88.2923, 0.3273, 0.3340



Tritanopia

88.1530, 0.3167, 0.3155

Trichromacy



Original Color

88.1075, 0.3361, 0.3489

Protanomaly

88.1829, 0.3333, 0.3490

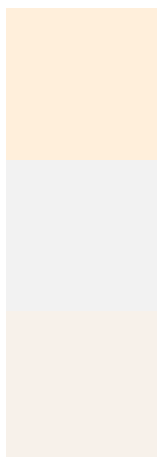
Deuteranomaly

88.0105, 0.3305, 0.3389

Tritanomaly

88.0604, 0.3235, 0.3271

Monochromacy



Original Color

88.1075, 0.3361, 0.3489

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 88.1075, 0.3361, 0.3489 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 219) }
```

Border

The CSS property to change the border of an element to Yxy 88.1075, 0.3361, 0.3489 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, 219) }
```

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

```
.border{ border-color:rgb(255, 239, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1075, 0.3361, 0.3489 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
239, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor