

Converting Colors

$Y_{xy}(84.1973, 0.3350, 0.3397)$

Have a look what the booklet for
Yxy(84.1973, 0.3350, 0.3397)
contains.

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Color

Yxy(84.0045, 0.3351, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	FEE8DD
RGB	254, 232, 221
RGB Percent	100%, 91%, 87%
CMY	0.0038, 0.0902, 0.1332
CMYK	0.00, 0.09, 0.13, 0.00
HSL	20°, 95%, 93%
HSV	20°, 13%, 100%
XYZ	82.7938, 84.0045, 80.2737
YIQ	237.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

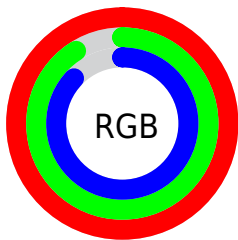
Format	Color
RYB	254, 238, 221
Decimal	16705757
CIELab	93.45, 5.74, 8.03
CIELCh	93, 9.875, 54.457
Yxy	84.0045, 0.3351, 0.3400
Android (android.graphics.Color)	4294895837 (0xFFFE8DD)
YUV	237.3240, -8.0477, 14.6249
Hunter-Lab	91.6540, 0.8501, 12.2295

Details

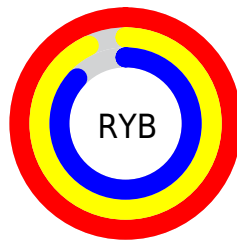
The Yxy color $84.0045, 0.3351, 0.3400$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $86.6799, 0.2925, 0.3177$, and the grayscale version is $85.0110, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $45.6742, 0.3401, 0.3419$ is the 20% darker color. If you saturate the color by 10%, you get $73.6601, 0.3559, 0.3490$, and if you desaturate by 10%, it is $95.4833, 0.3175, 0.3314$.

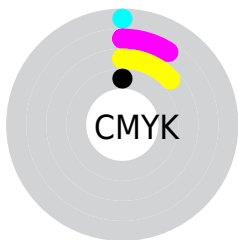
Distribution



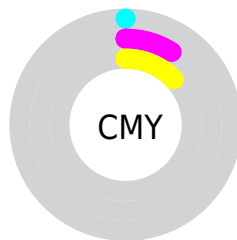
- Red (100%)
- Green (91%)
- Blue (87%)



- Red (100%)
- Yellow (93%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.0045, 0.3351, 0.3400 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 84.0045, 0.3351, 0.3400 by changing the saturation by 10% instead.

 84.0045, 0.3351,
0.3400

 84.0045, 0.3351,
0.3400


508.3282, 0.3250,
0.3351

 63.0192, 0.3374,
0.3411


138.9815, 0.3316,
0.3383

 45.8567, 0.3402,
0.3424


173.7419, 0.3303,
0.3377

 32.1328, 0.3436,
0.3440


213.8628, 0.3291,
0.3371

 21.4629, 0.3481,
0.3460

259.7285, 0.3280,
0.3366

 13.4628, 0.3542,
0.3487

311.7236, 0.3271,
0.3362

 7.7480, 0.3626,
0.3523

370.2322, 0.3263,

 3.9341, 0.3754,

0.3358

0.3576

435.6390, 0.3256,
0.3354

■ 1.6368, 0.3969,
0.3657

■ 0.3822, 0.5684,
0.4316

■ 84.0045, 0.3351,
0.3400

■ 84.0045, 0.3351,
0.3400

■ 73.6601, 0.3559,
0.3490

■ 95.4833, 0.3175,
0.3314

■ 64.4039, 0.3804,
0.3583

99.8183, 0.3121,
0.3290

■ 56.2024, 0.4087,
0.3673

■ 49.0164, 0.4407,
0.3754

■ 42.8040, 0.4756,
0.3815

■ 37.5201, 0.5116,
0.3842

■ 33.1155, 0.5458,
0.3825

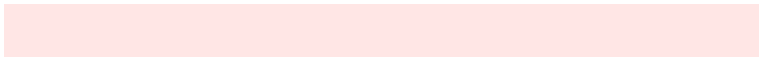
■ 29.5350, 0.5750,
0.3757

■ 27.4780, 0.5914,
0.3686

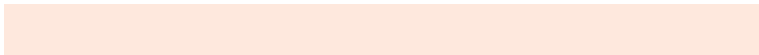
Harmonies

Analogous

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



84.0045, 0.3325, 0.3305



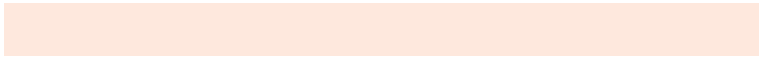
84.0045, 0.3351, 0.3400



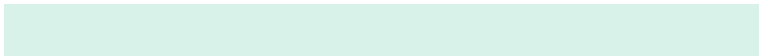
84.0045, 0.3316, 0.3468

Triad

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



84.0045, 0.3351, 0.3400



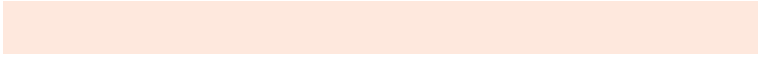
84.0045, 0.3010, 0.3373



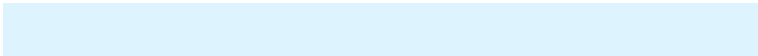
84.0045, 0.3022, 0.3099

Complementary

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



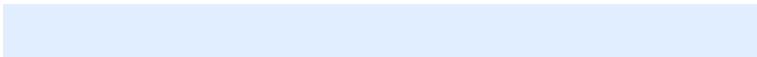
84.0045, 0.3351, 0.3400



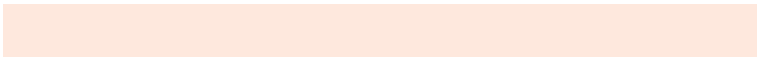
86.6799, 0.2925, 0.3177

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.



84.0045, 0.2941, 0.3113



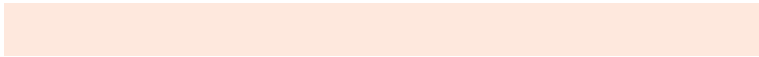
84.0045, 0.3351, 0.3400



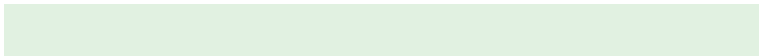
84.0045, 0.2934, 0.3270

Square

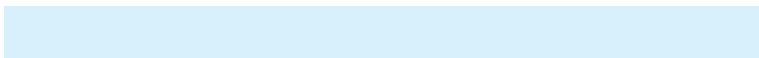
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0045, 0.3351, 0.3400



84.0045, 0.3118, 0.3454



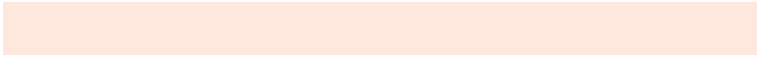
84.0045, 0.2908, 0.3174



84.0045, 0.3133, 0.3134

Rectangle

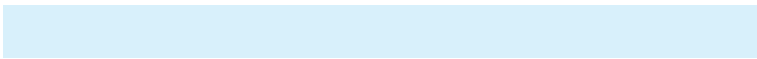
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0045, 0.3351, 0.3400



84.0045, 0.3263, 0.3488



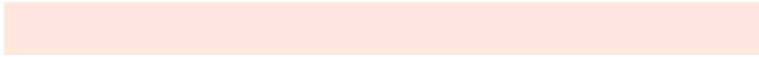
84.0045, 0.2908, 0.3174



84.0045, 0.2991, 0.3098

Sweetspot

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



84.0082, 0.3351, 0.3400



95.0908, 0.3191, 0.3323



79.3110, 0.3211, 0.3068



20.1602, 0.3203, 0.3329



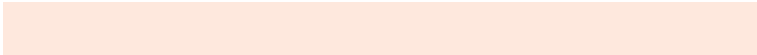
0.0000, 0.0000, 0.0000



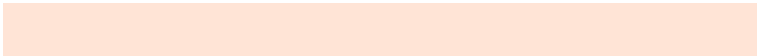
21.4041, 0.3127, 0.3290

Same Dimension

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



84.0082, 0.3351, 0.3400



81.4755, 0.3410, 0.3427



93.4270, 0.3330, 0.3555



18.9726, 0.3286, 0.3370



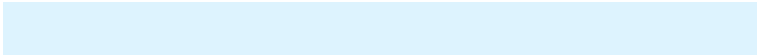
14.7221, 0.5885, 0.3709



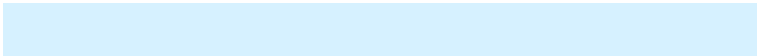
1.6244, 0.5665, 0.3884

Inverse Universe

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



86.6799, 0.2925, 0.3177



84.7226, 0.2878, 0.3149



77.5151, 0.2921, 0.3010



19.4051, 0.2980, 0.3209



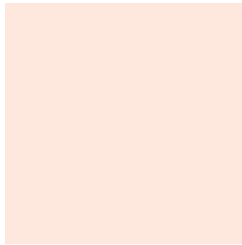
19.1397, 0.1934, 0.2163



2.0644, 0.1974, 0.2307

Previews

White Background



This preview shows how the Yxy color 84.0045, 0.3351, 0.3400 looks on a white background.

Color Contrast Check

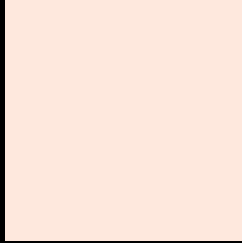
Large Text (above 18pt) WCAG AA × Fail

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 84.0045, 0.3351, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

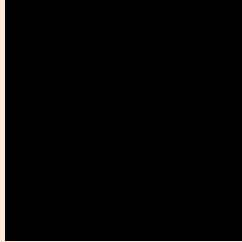
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

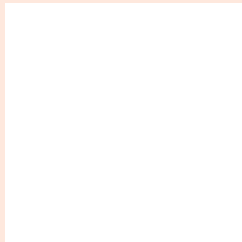
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.0045, 0.3351, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 84.0045, 0.3351, 0.3400.

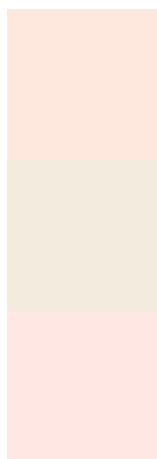


This preview shows how white text looks on a background with the Yxy color 84.0045, 0.3351, 0.3400.

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

84.0045, 0.3351, 0.3400

Protanopia

83.9775, 0.3264, 0.3412

Deuteranopia

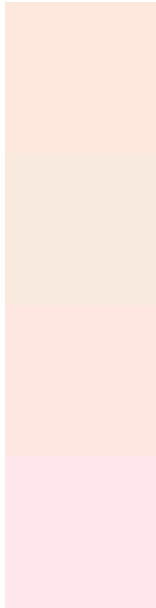
83.9579, 0.3319, 0.3330



Tritanopia

83.8912, 0.3203, 0.3134

Trichromacy



Original Color

84.0045, 0.3351, 0.3400

Protanomaly

84.0760, 0.3300, 0.3412

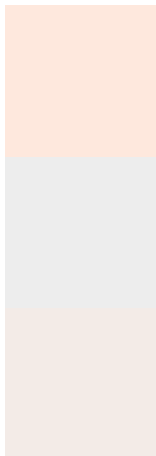
Deuteranomaly

83.8481, 0.3333, 0.3350

Tritanomaly

83.9098, 0.3261, 0.3231

Monochromacy



Original Color

84.0045, 0.3351, 0.3400

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.2409, 0.3206, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.0045, 0.3351, 0.3400 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(254, 232, 221)` looks like.

```
.text, #text, p{  
    color:rgb(254, 232, 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(254, 232, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 221) }
```

Border

The CSS property to change the border of an element to Yxy 84.0045, 0.3351, 0.3400 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(254, 232, 221) }
```

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

```
.border{ border-color:rgb(254, 232, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 232, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 221);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 84.0045, 0.3351, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 221) }
```

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

```
.background{ background-color: rgb(254,  
232, 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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