

Converting Colors

$Yxy(88.0879, 0.3329, 0.3568)$

Have a look what the booklet for
Yxy(88.0879, 0.3329, 0.3568)
contains.

Yxy(88.1335, 0.3334, 0.3573)	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(88.1335, 0.3334, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	F7F2D6
RGB	247, 242, 214
RGB Percent	97%, 95%, 84%
CMY	0.0315, 0.0509, 0.1608
CMYK	0.00, 0.02, 0.13, 0.03
HSL	51°, 67%, 90%
HSV	51°, 13%, 97%
XYZ	82.2382, 88.1335, 76.2936
YIQ	240.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

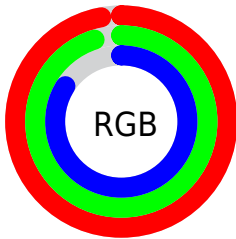
Format	Color
R _Y B	220, 247, 214
Decimal	16249558
CIE _{Lab}	95.22, -2.94, 14.11
CIE _{LCh}	95, 14.417, 101.753
Yxy	88.1335, 0.3334, 0.3573
Android (android.graphics.Color)	4294439638 (0xFFFF7F2D6)
YUV	240.3030, -12.9674, 5.8733
Hunter-Lab	93.8794, -7.9234, 17.5321

Details

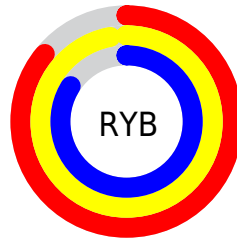
The Yxy color $88.1335, 0.3334, 0.3573$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $71.6456, 0.2915, 0.2990$, and the grayscale version is $87.4827, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $48.6974, 0.3386, 0.3639$ is the 20% darker color. If you saturate the color by 10%, you get $84.7846, 0.3499, 0.3792$, and if you desaturate by 10%, it is $91.7262, 0.3177, 0.3359$.

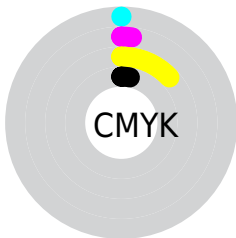
Distribution



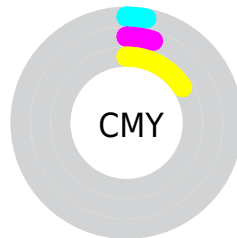
- Red (97%)
- Green (95%)
- Blue (84%)



- Red (86%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (3%)



- Cyan (3%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.1335, 0.3334, 0.3573 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 88.1335, 0.3334, 0.3573 by changing the saturation by 10% instead.

88.1335, 0.3334,
0.3573

88.1335, 0.3334,
0.3573

521.9403, 0.3242,
0.3446

66.4336, 0.3354,
0.3601

144.7430, 0.3303,
0.3530

48.6245, 0.3379,
0.3636

180.4214, 0.3290,
0.3512

34.3217, 0.3409,
0.3679

221.5282, 0.3280,
0.3498

23.1409, 0.3448,
0.3734

268.4476, 0.3270,
0.3485

14.6975, 0.3499,
0.3807

321.5642, 0.3262,
0.3473

8.6074, 0.3568,
0.3908

381.2622, 0.3255,

4.4860, 0.3669,

0.3463

0.4058

447.9261, 0.3248,
0.3454

■ 1.9490, 0.3827,
0.4302

■ 0.5776, 0.4525,
0.5475

■ 88.1335, 0.3334,
0.3573

■ 88.1335, 0.3334,
0.3573

■ 84.7846, 0.3499,
0.3792

■ 91.7262, 0.3177,
0.3359

■ 81.6590, 0.3669,
0.4011

■ 95.0071, 0.3079,
0.3236

■ 78.7511, 0.3839,
0.4221

■ 97.3272, 0.3078,
0.3272

■ 76.0507, 0.4002,
0.4413

■ 98.5080, 0.3078,
0.3290

■ 73.5463, 0.4151,
0.4575

■ 71.2252, 0.4280,
0.4700

■ 69.0728, 0.4382,
0.4780

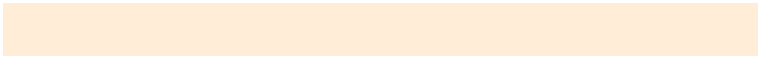
■ 67.0714, 0.4455,
0.4814

■ 65.8064, 0.4491,
0.4816

Harmonies

Analogous

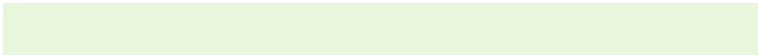
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1335, 0.3431, 0.3509



88.1335, 0.3334, 0.3573



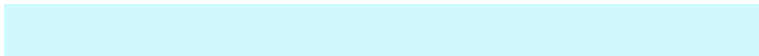
88.1335, 0.3183, 0.3558

Triad

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



88.1335, 0.3334, 0.3573



88.1335, 0.2820, 0.3176



88.1335, 0.3230, 0.3123

Complementary

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



88.1335, 0.3334, 0.3573



71.6456, 0.2915, 0.2990

Split Complementary

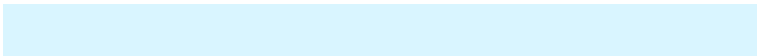
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1335, 0.3065, 0.3038



88.1335, 0.3334, 0.3573



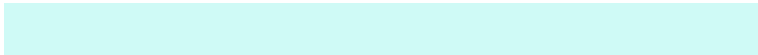
88.1335, 0.2831, 0.3065

Square

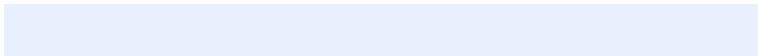
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



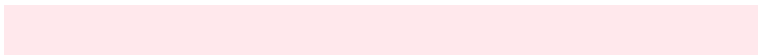
88.1335, 0.3334, 0.3573



88.1335, 0.2888, 0.3324



88.1335, 0.2920, 0.3016



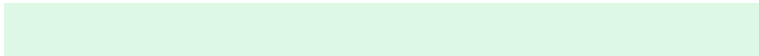
88.1335, 0.3370, 0.3250

Rectangle

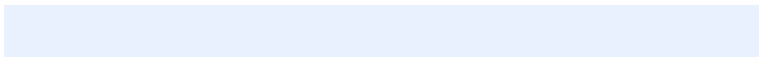
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.1335, 0.3334, 0.3573



88.1335, 0.3073, 0.3504



88.1335, 0.2920, 0.3016



88.1335, 0.3176, 0.3089

Sweetspot

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



88.1374, 0.3334, 0.3573



98.3872, 0.3187, 0.3373



73.0013, 0.3333, 0.3234



20.9950, 0.3199, 0.3389



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

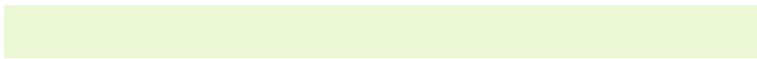
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1374, 0.3334, 0.3573



93.7991, 0.3377, 0.3631



89.1849, 0.3254, 0.3629



18.8647, 0.3272, 0.3489



34.9809, 0.4485, 0.4821



3.1871, 0.4443, 0.4854

Inverse Universe

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



71.6456, 0.2915, 0.2990



72.9036, 0.2868, 0.2924



70.8117, 0.2988, 0.2944



16.3282, 0.2979, 0.3082



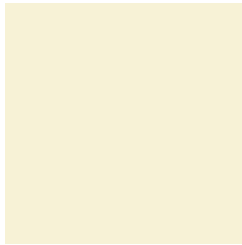
4.3796, 0.1534, 0.0723



0.5033, 0.1587, 0.0912

Previews

White Background



This preview shows how the Yxy color 88.1335, 0.3334, 0.3573 looks on a white background.

Color Contrast Check

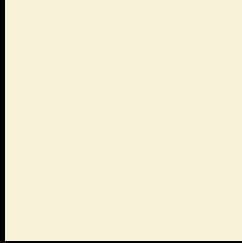
Large Text (above 18pt) WCAG AA × Fail

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 88.1335, 0.3334, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

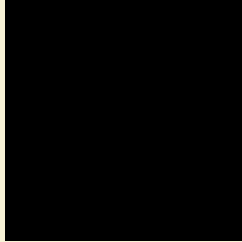
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.1335, 0.3334, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 88.1335, 0.3334, 0.3573.



This preview shows how white text looks on a background with the Yxy color 88.1335, 0.3334, 0.3573.

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

88.1335, 0.3334, 0.3573

Protanopia

87.8197, 0.3378, 0.3561

Deuteranopia

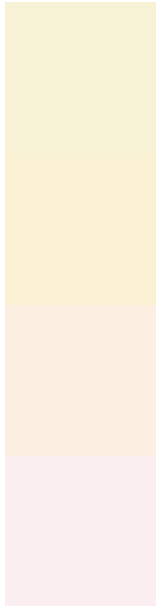
88.1786, 0.3285, 0.3359



Tritanopia

88.0936, 0.3123, 0.3106

Trichromacy



Original Color

88.1335, 0.3334, 0.3573

Protanomaly

88.0387, 0.3363, 0.3571

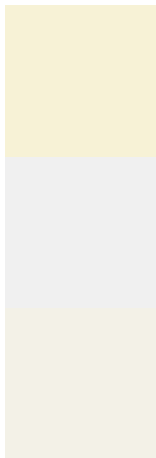
Deuteranomaly

87.8647, 0.3302, 0.3430

Tritanomaly

87.9496, 0.3201, 0.3271

Monochromacy



Original Color

88.1335, 0.3334, 0.3573

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.7348, 0.3202, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1335, 0.3334, 0.3573 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(247, 242, 214)` looks like.

```
.text, #text, p{  
    color:rgb(247, 242, 214)  
}
```

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(247, 242, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 242, 214) }
```

Border

The CSS property to change the border of an element to Yxy 88.1335, 0.3334, 0.3573 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(247, 242, 214) }
```

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

```
.border{ border-color:rgb(247, 242, 214) }
```

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

Here you see how a box with a 4 pixel rgb(247, 242, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 242, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 242, 214);  
box-shadow:4px 4px 4px 4px rgb(247, 242,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1335, 0.3334, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 242, 214) }
```

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

```
.background{ background-color: rgb(247,  
242, 214) }
```

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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