

Converting Colors

$Yxy(87.3048, 0.3288, 0.3484)$

Have a look what the booklet for
Yxy(87.3048, 0.3288, 0.3484)
contains.

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Color

Yxy(87.1335, 0.3286, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	F6F0DD
RGB	246, 240, 221
RGB Percent	96%, 94%, 87%
CMY	0.0351, 0.0589, 0.1334
CMYK	0.00, 0.02, 0.10, 0.04
HSL	45°, 58%, 92%
HSV	45°, 10%, 96%
XYZ	82.2288, 87.1335, 80.8775
YIQ	239.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

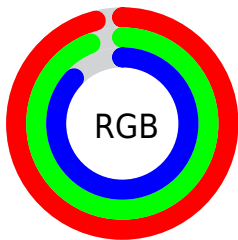
Format	Color
R _Y B	229, 246, 221
Decimal	16183517
CIE Lab	94.79, -1.13, 9.90
CIE LCh	95, 9.962, 96.541
Yxy	87.1335, 0.3286, 0.3482
Android (android.graphics.Color)	4294373597 (0xFFFF6F0DD)
YUV	239.6280, -9.1836, 5.5882
Hunter-Lab	93.3453, -6.1119, 13.9709

Details

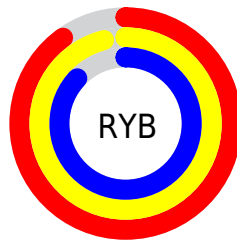
The Yxy color **87.1335, 0.3286, 0.3482** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.9886, 0.2968, 0.3090**, and the grayscale version is **86.9057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.9813, 0.3323, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **82.4752, 0.3455, 0.3678**, and if you desaturate by 10%, it is **92.1064, 0.3130, 0.3293**.

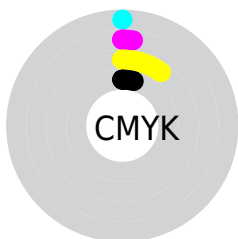
Distribution



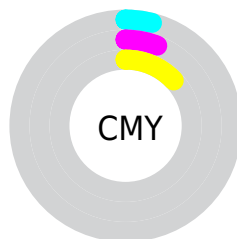
- Red (96%)
- Green (94%)
- Blue (87%)



- Red (90%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.1335, 0.3286, 0.3482 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 87.1335, 0.3286, 0.3482 by changing the saturation by 10% instead.

 87.1335, 0.3286,
0.3482

 87.1335, 0.3286,
0.3482


518.6614, 0.3215,
0.3396

 65.6057, 0.3302,
0.3501


143.3502, 0.3262,
0.3453

 47.9524, 0.3321,
0.3524


178.8079, 0.3252,
0.3441

 33.7892, 0.3345,
0.3554


219.6776, 0.3244,
0.3431

 22.7317, 0.3375,
0.3591

266.3439, 0.3237,
0.3422

 14.3955, 0.3416,
0.3641

319.1910, 0.3230,
0.3414

 8.3963, 0.3471,
0.3710

378.6033, 0.3225,

 4.3495, 0.3554,

0.3408

0.3812

444.9654, 0.3220,
0.3401

■ 1.8709, 0.3687,
0.3980

■ 0.5308, 0.4732,
0.5268

■ 87.1335, 0.3286,
0.3482

■ 87.1335, 0.3286,
0.3482

■ 82.4752, 0.3455,
0.3678

■ 92.1064, 0.3130,
0.3293

■ 78.1108, 0.3634,
0.3877

■ 96.3739, 0.3073,
0.3260

■ 74.0339, 0.3821,
0.4072

■ 98.3425, 0.3072,
0.3290

■ 70.2339, 0.4009,
0.4255

■ 66.6989, 0.4191,
0.4414

■ 63.4159, 0.4359,
0.4539

■ 60.3702, 0.4504,
0.4621

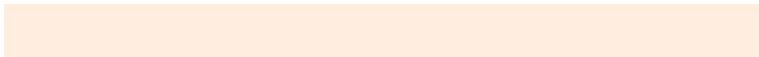
■ 57.5444, 0.4621,
0.4654

■ 54.9585, 0.4707,
0.4644

Harmonies

Analogous

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



87.1335, 0.3343, 0.3431



87.1335, 0.3286, 0.3482



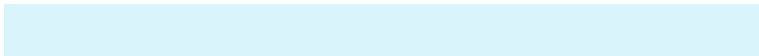
87.1335, 0.3186, 0.3481

Triad

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



87.1335, 0.3286, 0.3482



87.1335, 0.2917, 0.3229



87.1335, 0.3180, 0.3160

Complementary

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



87.1335, 0.3286, 0.3482



76.9886, 0.2968, 0.3090

Split Complementary

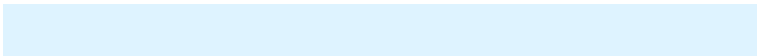
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1335, 0.3065, 0.3108



87.1335, 0.3286, 0.3482



87.1335, 0.2915, 0.3145

Square

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



87.1335, 0.3286, 0.3482



87.1335, 0.2974, 0.3332



87.1335, 0.2969, 0.3101



87.1335, 0.3281, 0.3246

Rectangle

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



87.1335, 0.3286, 0.3482



87.1335, 0.3110, 0.3449



87.1335, 0.2969, 0.3101



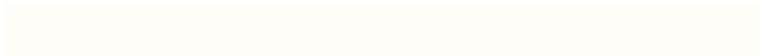
87.1335, 0.3141, 0.3138

Sweetspot

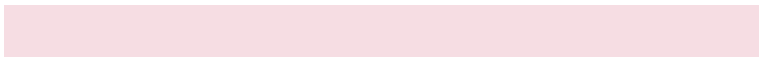
The Sweet Spot groups the original color and five complimentary colors.



87.1373, 0.3286, 0.3482



98.3426, 0.3173, 0.3346



76.8659, 0.3265, 0.3226



20.9557, 0.3185, 0.3361



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

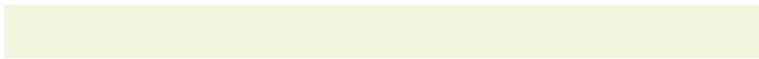
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.1373, 0.3286, 0.3482



93.5537, 0.3316, 0.3518



89.6512, 0.3238, 0.3545



18.5949, 0.3275, 0.3468



29.5501, 0.4697, 0.4653



2.7557, 0.4620, 0.4713

Inverse Universe

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



76.9886, 0.2968, 0.3090



80.7310, 0.2938, 0.3052



74.7322, 0.3009, 0.3029



16.5772, 0.2979, 0.3105



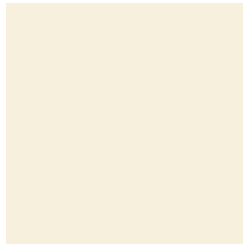
5.4288, 0.1575, 0.0871



0.6311, 0.1639, 0.1101

Previews

White Background



This preview shows how the Yxy color 87.1335, 0.3286, 0.3482 looks on a white background.

Color Contrast Check

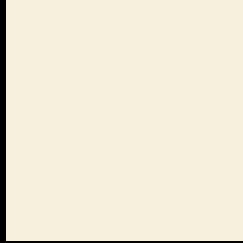
Large Text (above 18pt) WCAG AA × Fail

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 87.1335, 0.3286, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

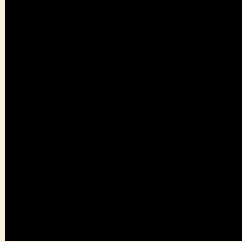
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

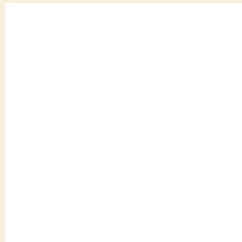
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.1335, 0.3286, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 87.1335, 0.3286, 0.3482.

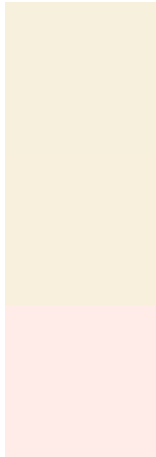


This preview shows how white text looks on a background with the Yxy color 87.1335, 0.3286, 0.3482.

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

87.1335, 0.3286, 0.3482

Protanopia

87.0932, 0.3307, 0.3471

Deuteranopia

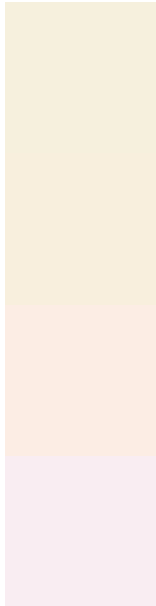
87.0771, 0.3281, 0.3330



Tritanopia

87.0816, 0.3116, 0.3105

Trichromacy



Original Color

87.1335, 0.3286, 0.3482

Protanomaly

86.9099, 0.3300, 0.3471

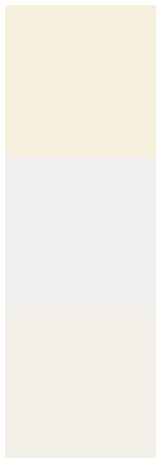
Deuteranomaly

86.8653, 0.3285, 0.3380

Tritanomaly

87.1189, 0.3176, 0.3241

Monochromacy



Original Color

87.1335, 0.3286, 0.3482

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.0806, 0.3183, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.1335, 0.3286, 0.3482 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(246, 240, 221)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 240, 221) }
```

Border

The CSS property to change the border of an element to Yxy 87.1335, 0.3286, 0.3482 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(246, 240, 221) }
```

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

```
.border{ border-color:rgb(246, 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(246, 240, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 240, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 240, 221); box-shadow:4px 4px 4px 4px rgb(246, 240, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 87.1335, 0.3286, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 240, 221) }
```

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

```
.background{ background-color: rgb(246,  
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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