

Converting Colors

$Y_{xy}(86.1264, 0.3242, 0.3368)$

Have a look what the booklet for
Yxy(86.1264, 0.3242, 0.3368)
contains.

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Color

Yxy(85.9997, 0.3245, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	F7EDE5
RGB	247, 237, 229
RGB Percent	97%, 93%, 90%
CMY	0.0313, 0.0706, 0.1021
CMYK	0.00, 0.04, 0.07, 0.03
HSL	27°, 53%, 93%
HSV	27°, 7%, 97%
XYZ	82.7852, 85.9997, 86.3314
YIQ	239.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

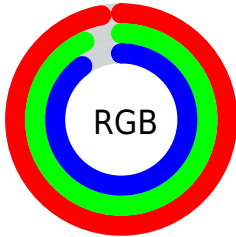
Format	Color
R _Y B	247, 243, 229
Decimal	16248293
CIE Lab	94.31, 2.02, 5.08
CIE LCh	94, 5.468, 68.345
Yxy	85.9997, 0.3245, 0.3371
Android (android.graphics.Color)	4294438373 (0xFFFF7EDE5)
YUV	239.0780, -4.9685, 6.9476
Hunter-Lab	92.7360, -2.9415, 9.7200

Details

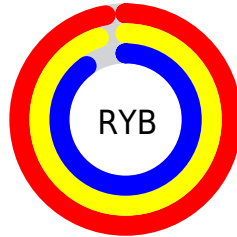
The Yxy color **85.9997, 0.3245, 0.3371** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.0854, 0.3014, 0.3208**, and the grayscale version is **86.4173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1801, 0.3271, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **77.0888, 0.3428, 0.3488**, and if you desaturate by 10%, it is **95.7204, 0.3087, 0.3261**.

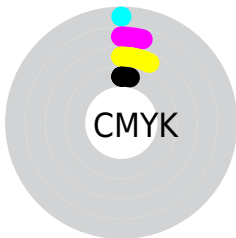
Distribution



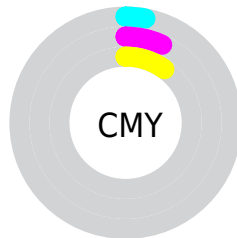
- Red (97%)
- Green (93%)
- Blue (90%)



- Red (97%)
- Yellow (95%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (3%)




- Cyan (3%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.9997, 0.3245, 0.3371 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 85.9997, 0.3245, 0.3371 by changing the saturation by 10% instead.


 85.9997, 0.3245,
0.3371

 85.9997, 0.3245,
0.3371


514.9302, 0.3192,
0.3335

 64.6677, 0.3257,
0.3379


141.7691, 0.3227,
0.3359

 47.1917, 0.3271,
0.3389


176.9753, 0.3220,
0.3354

 33.1872, 0.3289,
0.3401


217.5750, 0.3214,
0.3350

 22.2699, 0.3312,
0.3416

263.9526, 0.3208,
0.3346

 14.0554, 0.3343,
0.3437

316.4925, 0.3203,
0.3343

 8.1592, 0.3387,
0.3465

375.5792, 0.3199,

 4.1970, 0.3451,

0.3340

441.5970, 0.3195,
0.3337

0.3508

1.7843, 0.3559,
0.3576

0.4774, 0.4394,
0.4170

85.9997, 0.3245,
0.3371

85.9997, 0.3245,
0.3371

77.0888, 0.3428,
0.3488

95.7204, 0.3087,
0.3261

68.9548, 0.3638,
0.3609

98.5182, 0.3078,
0.3290

61.5786, 0.3878,
0.3731

54.9362, 0.4145,
0.3848

■ 49.0022, 0.4435,
0.3949

■ 43.7494, 0.4739,
0.4023

■ 39.1482, 0.5038,
0.4056

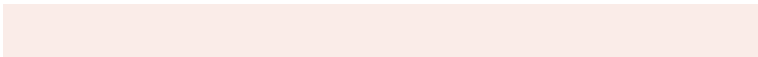
■ 35.1659, 0.5311,
0.4038

■ 31.7642, 0.5539,
0.3964

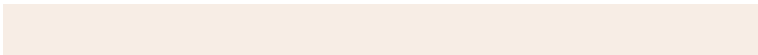
Harmonies

Analogous

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



85.9997, 0.3246, 0.3324



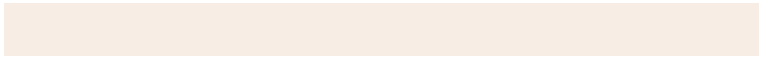
85.9997, 0.3245, 0.3371



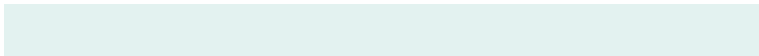
85.9997, 0.3212, 0.3396

Triad

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



85.9997, 0.3245, 0.3371



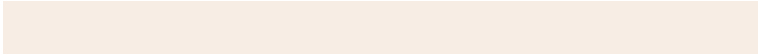
85.9997, 0.3040, 0.3310



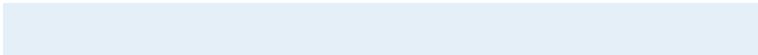
85.9997, 0.3097, 0.3190

Complementary

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



85.9997, 0.3245, 0.3371



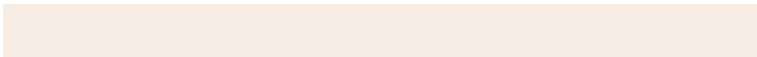
85.0854, 0.3014, 0.3208

Split Complementary

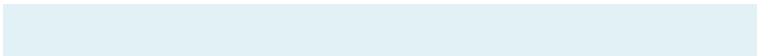
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9997, 0.3042, 0.3185



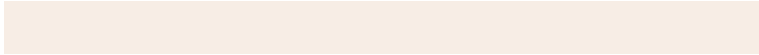
85.9997, 0.3245, 0.3371



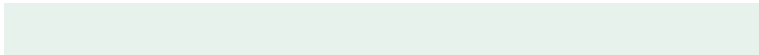
85.9997, 0.3010, 0.3254

Square

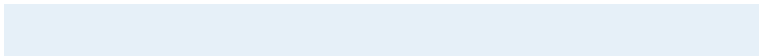
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9997, 0.3245, 0.3371



85.9997, 0.3094, 0.3362



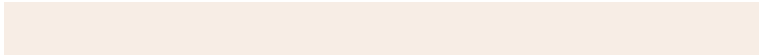
85.9997, 0.3011, 0.3208



85.9997, 0.3160, 0.3220

Rectangle

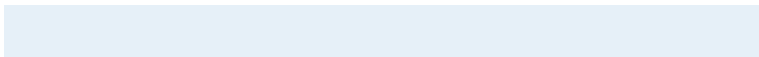
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9997, 0.3245, 0.3371



85.9997, 0.3177, 0.3398



85.9997, 0.3011, 0.3208



85.9997, 0.3077, 0.3185

Sweetspot

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



86.0035, 0.3245, 0.3371



97.8847, 0.3158, 0.3312



82.0357, 0.3186, 0.3188



20.9736, 0.3157, 0.3311



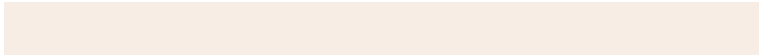
0.0000, 0.0000, 0.0000



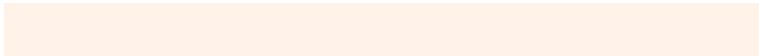
21.4041, 0.3127, 0.3290

Same Dimension

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



86.0035, 0.3245, 0.3371



90.7562, 0.3274, 0.3390



91.2338, 0.3237, 0.3458



17.6977, 0.3282, 0.3396



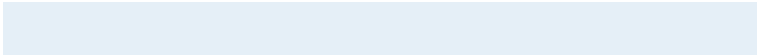
16.6327, 0.5567, 0.3962



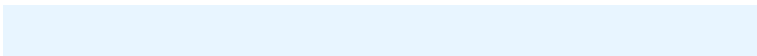
1.6636, 0.5353, 0.4132

Inverse Universe

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



85.0854, 0.3014, 0.3208



89.5539, 0.2987, 0.3187



80.0503, 0.3014, 0.3116



17.4507, 0.2980, 0.3182



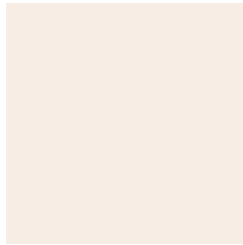
13.2972, 0.1823, 0.1763



1.3736, 0.1881, 0.1970

Previews

White Background



This preview shows how the Yxy color 85.9997, 0.3245, 0.3371 looks on a white background.

Color Contrast Check

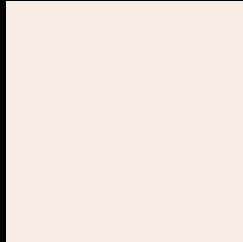
Large Text (above 18pt) WCAG AA × Fail

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 85.9997, 0.3245, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

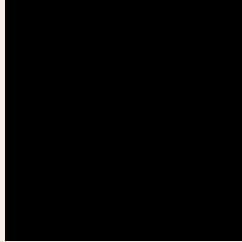
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

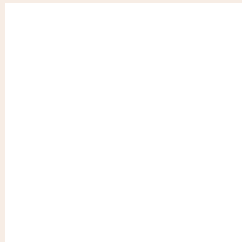
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.9997, 0.3245, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 85.9997, 0.3245, 0.3371.

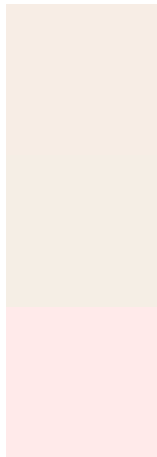


This preview shows how white text looks on a background with the Yxy color 85.9997, 0.3245, 0.3371.

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

85.9997, 0.3245, 0.3371

Protanopia

86.2187, 0.3230, 0.3381

Deuteranopia

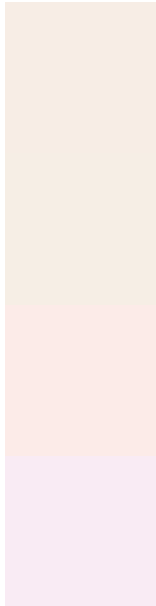
86.0462, 0.3270, 0.3290



Tritanopia

86.1979, 0.3122, 0.3114

Trichromacy



Original Color

85.9997, 0.3245, 0.3371

Protanomaly

86.3990, 0.3237, 0.3381

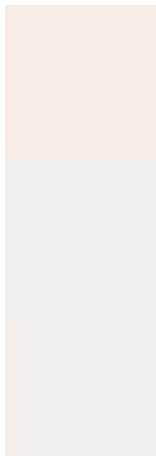
Deuteranomaly

85.9383, 0.3261, 0.3320

Tritanomaly

86.0881, 0.3165, 0.3201

Monochromacy



Original Color

85.9997, 0.3245, 0.3371

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.0245, 0.3172, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9997, 0.3245, 0.3371 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, 237, 229)` looks like.

```
.text, #text, p{  
    color:rgb(247, 237, 229)  
}
```

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, 237, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 237, 229) }
```

Border

The CSS property to change the border of an element to Yxy 85.9997, 0.3245, 0.3371 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, 237, 229) }
```

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

```
.border{ border-color:rgb(247, 237, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 237, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 237, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 237, 229);  
box-shadow:4px 4px 4px 4px rgb(247, 237,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9997, 0.3245, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 237, 229) }
```

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

```
.background{ background-color: rgb(247,  
237, 229) }
```

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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