

Converting Colors

$Yxy(85.2715, 0.3347, 0.3532)$

Have a look what the booklet for
Yxy(85.2715, 0.3347, 0.3532)
contains.

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Color

Yxy(85.1466, 0.3347, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	F7EDD5
RGB	247, 237, 213
RGB Percent	97%, 93%, 84%
CMY	0.0316, 0.0705, 0.1646
CMYK	0.00, 0.04, 0.14, 0.03
HSL	42°, 68%, 90%
HSV	42°, 14%, 97%
XYZ	80.6411, 85.1466, 75.1478
YIQ	237.2540, 13.6640, -5.3440

Conversions

Conversions Part 2

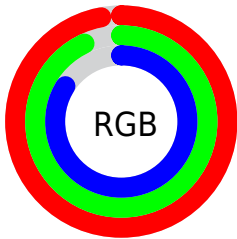
Format	Color
R _Y B	227, 247, 213
Decimal	16248277
CIE Lab	93.95, -0.56, 12.82
CIE LCh	94, 12.829, 92.516
Yxy	85.1466, 0.3347, 0.3534
Android (android.graphics.Color)	4294438357 (0xFFF7EDD5)
YUV	237.2540, -11.9572, 8.5472
Hunter-Lab	92.2749, -5.4860, 16.3073

Details

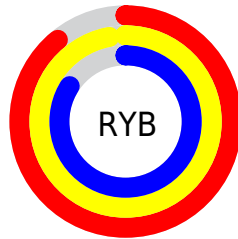
The Yxy color **85.1466, 0.3347, 0.3534** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.6112, 0.2910, 0.3034**, and the grayscale version is **84.9786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.4635, 0.3395, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **79.8880, 0.3524, 0.3720**, and if you desaturate by 10%, it is **90.7724, 0.3184, 0.3355**.

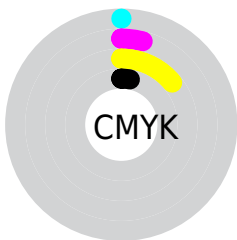
Distribution



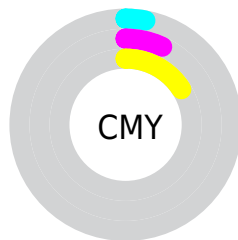
- Red (97%)
- Green (93%)
- Blue (84%)



- Red (89%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.1466, 0.3347, 0.3534 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 85.1466, 0.3347, 0.3534 by changing the saturation by 10% instead.

85.1466, 0.3347,
0.3534

85.1466, 0.3347,
0.3534

512.1130, 0.3248,
0.3424

63.9625, 0.3369,
0.3558

140.5780, 0.3313,
0.3496

46.6203, 0.3396,
0.3588

175.5941, 0.3300,
0.3482

32.7356, 0.3429,
0.3625

215.9896, 0.3288,
0.3469

21.9240, 0.3472,
0.3673

262.1490, 0.3278,
0.3458

13.8010, 0.3528,
0.3737

314.4567, 0.3269,
0.3448

7.9824, 0.3607,
0.3825

373.2970, 0.3262,

4.0837, 0.3723,

0.3439

439.0543, 0.3255,
0.3431

0.3955

■ 1.7205, 0.3918,
0.4176

■ 0.4369, 0.4789,
0.5211

■ 85.1466, 0.3347,
0.3534

■ 85.1466, 0.3347,
0.3534

■ 79.8880, 0.3524,
0.3720

■ 90.7724, 0.3184,
0.3355

■ 74.9748, 0.3714,
0.3907

■ 96.2776, 0.3079,
0.3256

■ 70.3994, 0.3913,
0.4088

■ 98.5053, 0.3078,
0.3290

■ 66.1498, 0.4114,
0.4254

■ 62.2127, 0.4310,
0.4394

■ 58.5736, 0.4491,
0.4496

■ 55.2158, 0.4648,
0.4552

■ 52.1194, 0.4773,
0.4557

■ 50.2969, 0.4839,
0.4540

Harmonies

Analogous

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



85.1466, 0.3413, 0.3459



85.1466, 0.3347, 0.3534



85.1466, 0.3223, 0.3543

Triad

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



85.1466, 0.3347, 0.3534



85.1466, 0.2862, 0.3227



85.1466, 0.3175, 0.3111

Complementary

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



85.1466, 0.3347, 0.3534



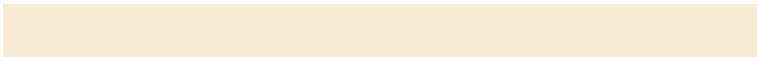
73.6112, 0.2910, 0.3034

Split Complementary

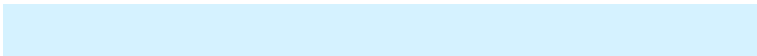
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.1466, 0.3027, 0.3050



85.1466, 0.3347, 0.3534



85.1466, 0.2849, 0.3113

Square

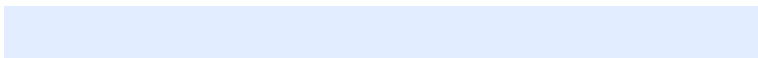
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



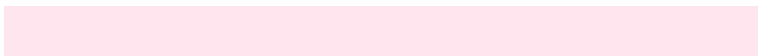
85.1466, 0.3347, 0.3534



85.1466, 0.2944, 0.3362



85.1466, 0.2909, 0.3050



85.1466, 0.3312, 0.3217

Rectangle

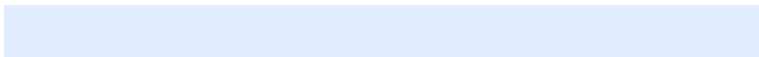
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.1466, 0.3347, 0.3534



85.1466, 0.3124, 0.3508



85.1466, 0.2909, 0.3050



85.1466, 0.3125, 0.3084

Sweetspot

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



85.1504, 0.3347, 0.3534



97.4703, 0.3188, 0.3359



72.7025, 0.3308, 0.3186



20.7624, 0.3200, 0.3373



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.



85.1504, 0.3347, 0.3534



90.2612, 0.3386, 0.3576



89.8511, 0.3288, 0.3636



18.4463, 0.3276, 0.3457



26.8696, 0.4825, 0.4551



2.5387, 0.4727, 0.4629

Inverse Universe

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



73.6112, 0.2910, 0.3034



76.0162, 0.2871, 0.2987



69.4966, 0.2952, 0.2930



16.7170, 0.2980, 0.3118



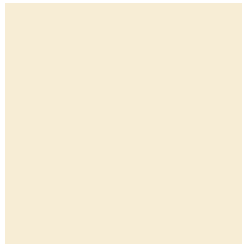
6.2353, 0.1606, 0.0979



0.7182, 0.1673, 0.1222

Previews

White Background



This preview shows how the Yxy color 85.1466, 0.3347, 0.3534 looks on a white background.

Color Contrast Check

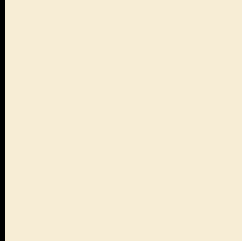
Large Text (above 18pt) WCAG AA × Fail

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 85.1466, 0.3347, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

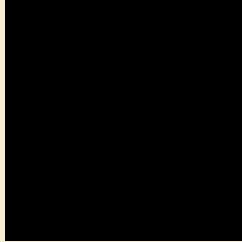
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

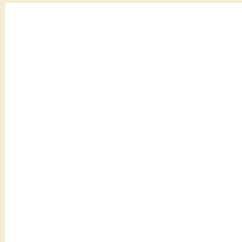
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.1466, 0.3347, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 85.1466, 0.3347, 0.3534.

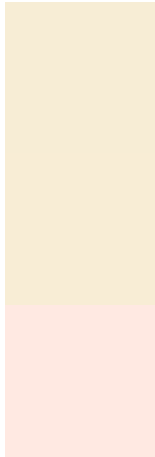


This preview shows how white text looks on a background with the Yxy color 85.1466, 0.3347, 0.3534.

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

85.1466, 0.3347, 0.3534

Protanopia

85.3289, 0.3354, 0.3533

Deuteranopia

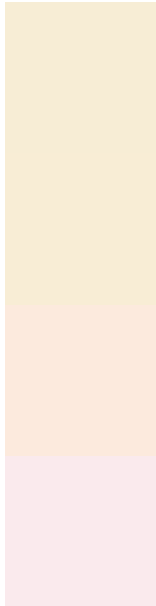
85.0288, 0.3323, 0.3360



Tritanopia

85.3108, 0.3149, 0.3114

Trichromacy



Original Color

85.1466, 0.3347, 0.3534

Protanomaly

85.3289, 0.3354, 0.3533

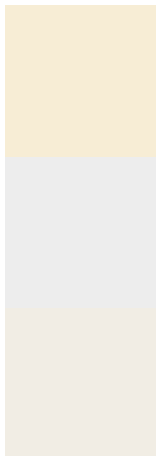
Deuteranomaly

84.7615, 0.3334, 0.3421

Tritanomaly

85.2841, 0.3217, 0.3261

Monochromacy



Original Color

85.1466, 0.3347, 0.3534

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.8706, 0.3210, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.1466, 0.3347, 0.3534 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(247, 237, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 237, 213) }
```

Border

The CSS property to change the border of an element to Yxy 85.1466, 0.3347, 0.3534 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, 213) }
```

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

```
.border{ border-color:rgb(247, 237, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 237, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 237, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 237,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 85.1466, 0.3347, 0.3534 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, 213) }
```

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

```
.background{ background-color: rgb(247,  
237, 213) }
```

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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