

Converting Colors

Yxy(84.5954, 0.3318, 0.3433)

Have a look what the booklet for
Yxy(84.5954, 0.3318, 0.3433)
contains.

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Color

Yxy(84.7237, 0.3319, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	F9EBDC
RGB	249, 235, 220
RGB Percent	98%, 92%, 86%
CMY	0.0234, 0.0784, 0.1374
CMYK	0.00, 0.06, 0.12, 0.02
HSL	31°, 71%, 92%
HSV	31°, 12%, 98%
XYZ	81.6961, 84.7237, 79.7269
YIQ	237.4760, 13.1590, -1.6970

Conversions

Conversions Part 2

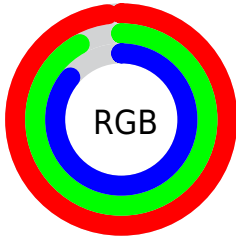
Format	Color
R _Y B	247, 249, 220
Decimal	16378844
CIE Lab	93.76, 2.28, 8.98
CIE LCh	94, 9.267, 75.771
Yxy	84.7237, 0.3319, 0.3442
Android (android.graphics.Color)	4294568924 (0xFFF9EBDC)
YUV	237.4760, -8.6157, 10.1065
Hunter-Lab	92.0455, -2.6497, 13.0767

Details

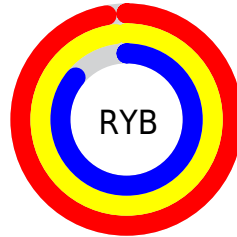
The Yxy color **84.7237, 0.3319, 0.3442** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8873, 0.2945, 0.3133**, and the grayscale version is **85.1371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1633, 0.3358, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **76.8551, 0.3508, 0.3580**, and if you desaturate by 10%, it is **93.2611, 0.3153, 0.3311**.

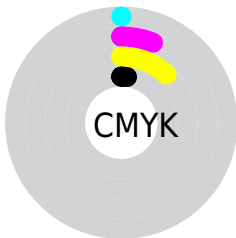
Distribution



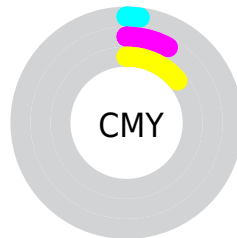
- Red (98%)
- Green (92%)
- Blue (86%)



- Red (97%)
- Yellow (98%)
- Blue (86%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.7237, 0.3319, 0.3442 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 84.7237, 0.3319, 0.3442 by changing the saturation by 10% instead.

 84.7237, 0.3319,
0.3442

 84.7237, 0.3319,
0.3442


510.7134, 0.3232,
0.3374

 63.6131, 0.3338,
0.3457


139.9871, 0.3289,
0.3419

 46.3374, 0.3362,
0.3475


174.9087, 0.3278,
0.3410

 32.5121, 0.3391,
0.3498


215.2027, 0.3268,
0.3402

 21.7530, 0.3430,
0.3527

261.2535, 0.3259,
0.3395

 13.6755, 0.3480,
0.3566

313.4457, 0.3251,
0.3389

 7.8953, 0.3551,
0.3620

372.1634, 0.3244,

 4.0280, 0.3658,

0.3383

0.3699

437.7912, 0.3238,
0.3378

■ 1.6893, 0.3834,
0.3827

■ 0.4167, 0.5201,
0.4799

■ 84.7237, 0.3319,
0.3442

■ 84.7237, 0.3319,
0.3442

■ 76.8551, 0.3508,
0.3580

■ 93.2611, 0.3153,
0.3311

■ 69.6263, 0.3721,
0.3721

■ 98.8850, 0.3090,
0.3290

■ 63.0224, 0.3957,
0.3860

■ 57.0235, 0.4214,
0.3988

■ 51.6086, 0.4482,
0.4096

■ 46.7548, 0.4751,
0.4169

■ 42.4370, 0.5005,
0.4197

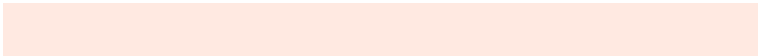
■ 38.6267, 0.5227,
0.4169

■ 35.8109, 0.5382,
0.4109

Harmonies

Analogous

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



84.7237, 0.3335, 0.3369



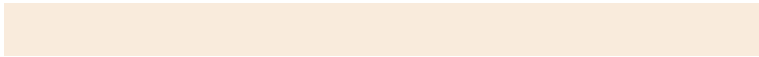
84.7237, 0.3319, 0.3442



84.7237, 0.3251, 0.3475

Triad

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



84.7237, 0.3319, 0.3442



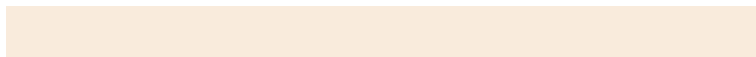
84.7237, 0.2962, 0.3300



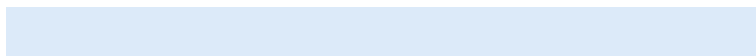
84.7237, 0.3102, 0.3130

Complementary

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



84.7237, 0.3319, 0.3442



80.8873, 0.2945, 0.3133

Split Complementary

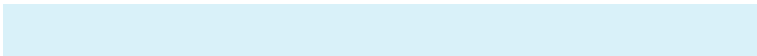
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7237, 0.3003, 0.3110



84.7237, 0.3319, 0.3442



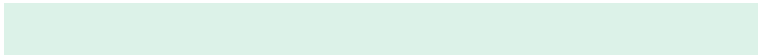
84.7237, 0.2924, 0.3206

Square

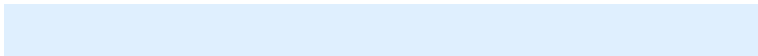
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.7237, 0.3319, 0.3442



84.7237, 0.3045, 0.3393



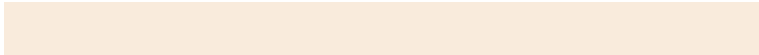
84.7237, 0.2938, 0.3137



84.7237, 0.3209, 0.3191

Rectangle

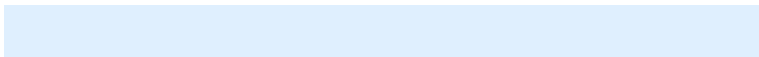
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.7237, 0.3319, 0.3442



84.7237, 0.3186, 0.3469



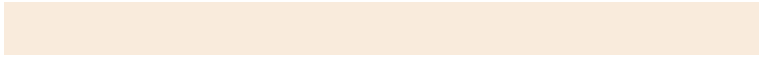
84.7237, 0.2938, 0.3137



84.7237, 0.3066, 0.3118

Sweetspot

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



84.7274, 0.3319, 0.3442



96.2603, 0.3190, 0.3341



77.2501, 0.3241, 0.3149



20.4559, 0.3202, 0.3351



0.0000, 0.0000, 0.0000



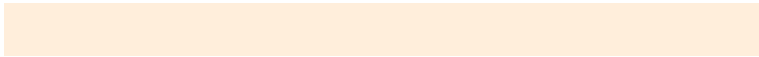
21.4041, 0.3127, 0.3290

Same Dimension

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



84.7274, 0.3319, 0.3442



87.4080, 0.3361, 0.3474



92.9900, 0.3299, 0.3579



18.7111, 0.3281, 0.3413



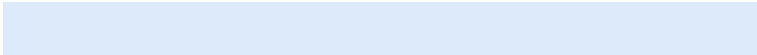
19.4504, 0.5358, 0.4128



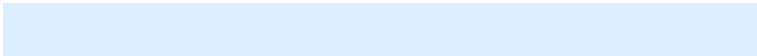
2.0138, 0.5181, 0.4268

Inverse Universe

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



80.8873, 0.2945, 0.3133



82.6208, 0.2907, 0.3099



73.2902, 0.2945, 0.2984



18.0252, 0.2980, 0.3164



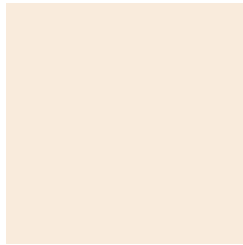
11.1519, 0.1755, 0.1517



1.2440, 0.1816, 0.1738

Previews

White Background



This preview shows how the Yxy color 84.7237, 0.3319, 0.3442 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 84.7237, 0.3319, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

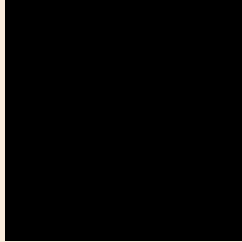
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.7237, 0.3319, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 84.7237, 0.3319, 0.3442.

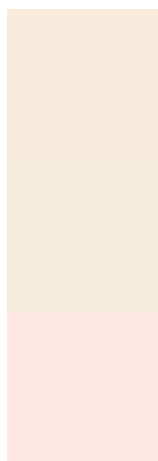


This preview shows how white text looks on a background with the Yxy color 84.7237, 0.3319, 0.3442.

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

84.7237, 0.3319, 0.3442

Protanopia

84.6238, 0.3283, 0.3443

Deuteranopia

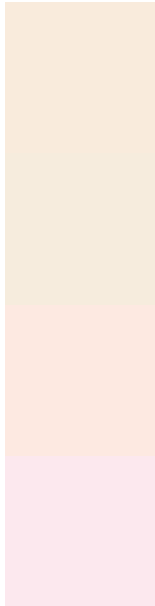
84.5747, 0.3311, 0.3330



Tritanopia

84.8740, 0.3162, 0.3114

Trichromacy



Original Color

84.7237, 0.3319, 0.3442

Protanomaly

84.8042, 0.3290, 0.3442

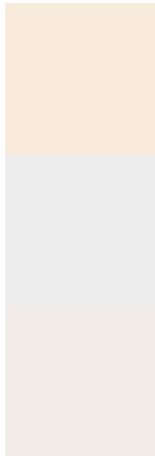
Deuteranomaly

84.5967, 0.3316, 0.3370

Tritanomaly

84.5817, 0.3225, 0.3231

Monochromacy



Original Color

84.7237, 0.3319, 0.3442

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.4612, 0.3192, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.7237, 0.3319, 0.3442 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(249, 235, 220)` looks like.

```
.text, #text, p{  
    color:rgb(249, 235, 220)  
}
```

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(249, 235, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 235, 220) }
```

Border

The CSS property to change the border of an element to Yxy 84.7237, 0.3319, 0.3442 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(249, 235, 220) }
```

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

```
.border{ border-color:rgb(249, 235, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 235, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 235, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 235, 220);  
box-shadow:4px 4px 4px 4px rgb(249, 235,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 84.7237, 0.3319, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 235, 220) }
```

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

```
.background{ background-color: rgb(249,  
235, 220) }
```

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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