

Converting Colors

$Yxy(85.7741, 0.3318, 0.3431)$

Have a look what the booklet for
Yxy(85.7741, 0.3318, 0.3431)
contains.

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Color

Yxy(85.7741, 0.3318, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	FBECD E
RGB	251, 236, 222
RGB Percent	98%, 93%, 87%
CMY	0.0159, 0.0744, 0.1295
CMYK	0.00, 0.06, 0.12, 0.02
HSL	29°, 78%, 93%
HSV	29°, 12%, 98%
XYZ	82.9491, 85.7741, 81.2741
YIQ	238.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

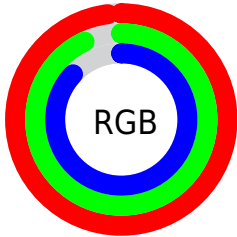
Format	Color
R _Y B	251, 249, 222
Decimal	16510174
CIE Lab	94.22, 2.75, 8.60
CIE LCh	94, 9.032, 72.280
Yxy	85.7741, 0.3318, 0.3431
Android (android.graphics.Color)	4294700254 (0xFFFFBECDE)
YUV	238.8890, -8.3263, 10.6213
Hunter-Lab	92.6143, -2.2032, 12.7998

Details

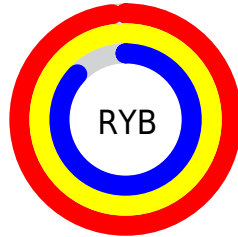
The Yxy color **85.7741, 0.3318, 0.3431** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.0042, 0.2947, 0.3145**, and the grayscale version is **86.2812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9019, 0.3357, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **77.3510, 0.3509, 0.3560**, and if you desaturate by 10%, it is **94.9442, 0.3151, 0.3308**.

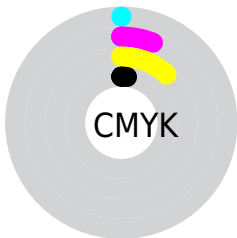
Distribution



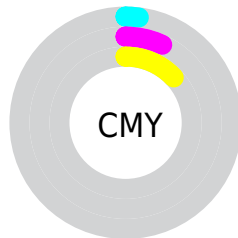
- Red (98%)
- Green (93%)
- Blue (87%)



- Red (98%)
- Yellow (98%)
- Blue (87%)



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





- Cyan (2%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.7741, 0.3318, 0.3431 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 85.7741, 0.3318, 0.3431 by changing the saturation by 10% instead.


 85.7741, 0.3318,
0.3431

 85.7741, 0.3318,
0.3431


514.1860, 0.3232,
0.3368

 64.4812, 0.3337,
0.3445


141.4542, 0.3289,
0.3410

 47.0405, 0.3361,
0.3462


176.6102, 0.3277,
0.3401

 33.0677, 0.3390,
0.3483


217.1560, 0.3267,
0.3394

 22.1783, 0.3427,
0.3510

263.4760, 0.3258,
0.3387

 13.9880, 0.3478,
0.3545

315.9546, 0.3251,
0.3382

 8.1123, 0.3548,
0.3594

374.9762, 0.3244,

 4.1669, 0.3652,

0.3377

0.3665

440.9252, 0.3238,
0.3372

■ 1.7674, 0.3825,
0.3780

■ 0.4667, 0.5225,
0.4775

■ 85.7741, 0.3318,
0.3431

■ 85.7741, 0.3318,
0.3431

■ 77.3510, 0.3509,
0.3560

■ 94.9442, 0.3151,
0.3308

■ 69.6435, 0.3727,
0.3693

■ 99.2410, 0.3102,
0.3290

■ 62.6341, 0.3970,
0.3824

■ 56.3005, 0.4236,
0.3945

■ 50.6187, 0.4518,
0.4045

■ 45.5630, 0.4803,
0.4112

■ 41.1052, 0.5074,
0.4133

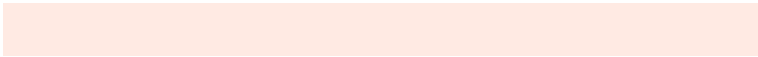
■ 37.2136, 0.5312,
0.4098

■ 34.3317, 0.5480,
0.4030

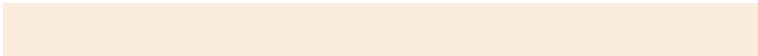
Harmonies

Analogous

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



85.7741, 0.3327, 0.3357



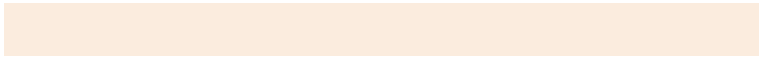
85.7741, 0.3318, 0.3431



85.7741, 0.3257, 0.3469

Triad

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



85.7741, 0.3318, 0.3431



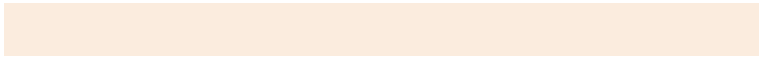
85.7741, 0.2974, 0.3311



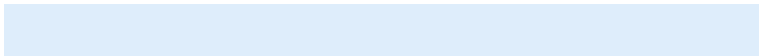
85.7741, 0.3090, 0.3130

Complementary

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



85.7741, 0.3318, 0.3431



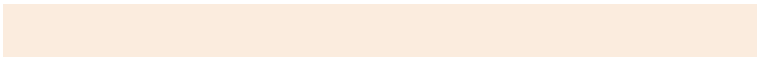
83.0042, 0.2947, 0.3145

Split Complementary

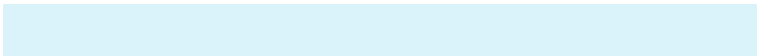
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.7741, 0.2997, 0.3116



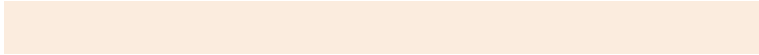
85.7741, 0.3318, 0.3431



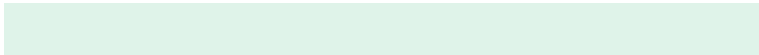
85.7741, 0.2931, 0.3218

Square

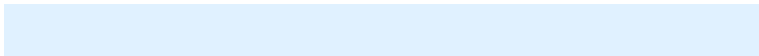
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7741, 0.3318, 0.3431



85.7741, 0.3058, 0.3399



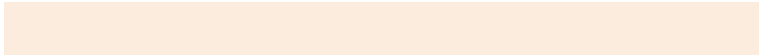
85.7741, 0.2940, 0.3147



85.7741, 0.3195, 0.3185

Rectangle

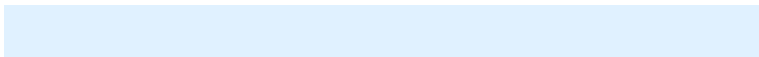
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7741, 0.3318, 0.3431



85.7741, 0.3196, 0.3467



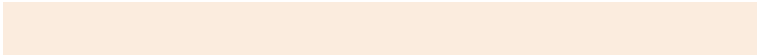
85.7741, 0.2940, 0.3147



85.7741, 0.3057, 0.3120

Sweetspot

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



85.7779, 0.3318, 0.3431



97.0276, 0.3174, 0.3326



78.8428, 0.3233, 0.3141



20.6004, 0.3187, 0.3335



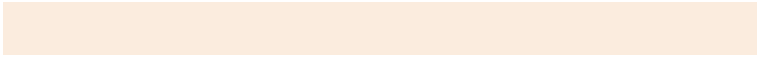
0.0000, 0.0000, 0.0000



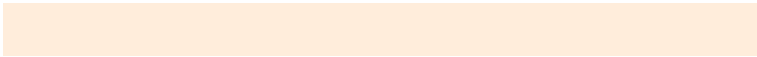
21.4041, 0.3127, 0.3290

Same Dimension

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



85.7779, 0.3318, 0.3431



86.7296, 0.3363, 0.3462



94.4389, 0.3301, 0.3571



18.6139, 0.3282, 0.3405



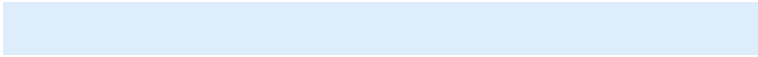
18.3422, 0.5454, 0.4051



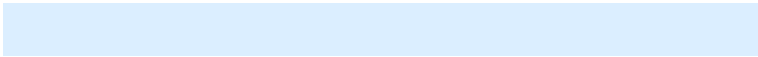
1.9101, 0.5264, 0.4202

Inverse Universe

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



83.0042, 0.2947, 0.3145



83.2988, 0.2907, 0.3111



74.9755, 0.2944, 0.2992



18.1224, 0.2980, 0.3172



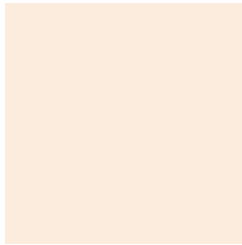
12.2542, 0.1785, 0.1627



1.3473, 0.1844, 0.1838

Previews

White Background



This preview shows how the Yxy color 85.7741, 0.3318, 0.3431 looks on a white background.

Color Contrast Check

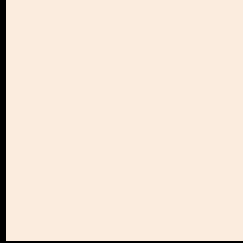
Large Text (above 18pt) WCAG AA × Fail

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 85.7741, 0.3318, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

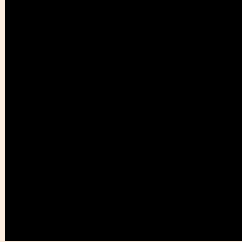
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

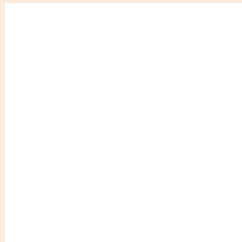
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.7741, 0.3318, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 85.7741, 0.3318, 0.3431.

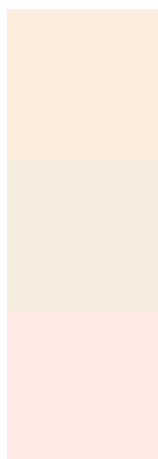


This preview shows how white text looks on a background with the Yxy color 85.7741, 0.3318, 0.3431.

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

85.7741, 0.3318, 0.3431

Protanopia

85.4889, 0.3276, 0.3432

Deuteranopia

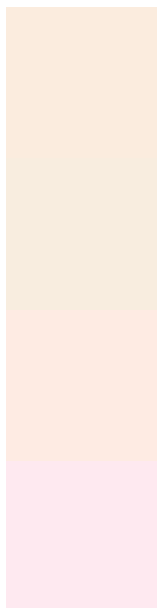
85.8188, 0.3296, 0.3330



Tritanopia

85.8754, 0.3169, 0.3115

Trichromacy



Original Color

85.7741, 0.3318, 0.3431

Protanomaly

85.8525, 0.3290, 0.3431

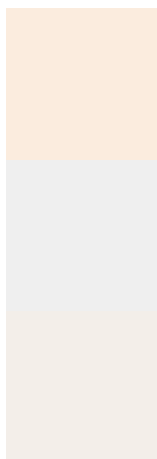
Deuteranomaly

86.0335, 0.3308, 0.3370

Tritanomaly

85.6399, 0.3225, 0.3222

Monochromacy



Original Color

85.7741, 0.3318, 0.3431

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.0870, 0.3191, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7741, 0.3318, 0.3431 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(251, 236, 222)` looks like.

```
.text, #text, p{  
    color:rgb(251, 236, 222)  
}
```

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(251, 236, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 236, 222) }
```

Border

The CSS property to change the border of an element to Yxy 85.7741, 0.3318, 0.3431 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(251, 236, 222) }
```

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

```
.border{ border-color:rgb(251, 236, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 236, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 236, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 236, 222);  
box-shadow:4px 4px 4px 4px rgb(251, 236,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7741, 0.3318, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 236, 222) }
```

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

```
.background{ background-color: rgb(251,  
236, 222) }
```

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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