

Converting Colors

$Y_{xy}(85.5200, 0.3231, 0.3402)$

Have a look what the booklet for
Yxy(85.5200, 0.3231, 0.3402)
contains.

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Color

Yxy(85.7498, 0.3229, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	F3EEE3
RGB	243, 238, 227
RGB Percent	95%, 93%, 89%
CMY	0.0472, 0.0666, 0.1099
CMYK	0.00, 0.02, 0.07, 0.05
HSL	41°, 40%, 92%
HSV	41°, 7%, 95%
XYZ	81.3892, 85.7498, 84.9180
YIQ	238.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

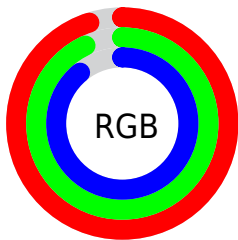
Format	Color
R_{YB}	234, 243, 227
Decimal	15986403
CIE Lab	94.21, -0.22, 5.91
CIE LCh	94, 5.918, 92.135
Yxy	85.7498, 0.3229, 0.3402
Android (android.graphics.Color)	4294176483 (0xFF3EEE3)
YUV	238.2410, -5.5418, 4.1736
Hunter-Lab	92.6012, -5.1645, 10.4502

Details

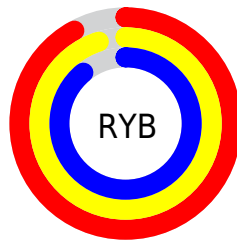
The Yxy color **85.7498, 0.3229, 0.3402** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.4647, 0.3026, 0.3175**, and the grayscale version is **85.7340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9993, 0.3251, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **80.2212, 0.3397, 0.3579**, and if you desaturate by 10%, it is **91.6577, 0.3077, 0.3233**.

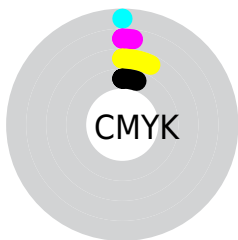
Distribution



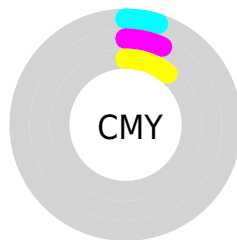
- Red (95%)
- Green (93%)
- Blue (89%)



- Red (92%)
- Yellow (95%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.7498, 0.3229, 0.3402 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 85.7498, 0.3229, 0.3402 by changing the saturation by 10% instead.

85.7498, 0.3229,
0.3402

85.7498, 0.3229,
0.3402

514.1058, 0.3183,
0.3352

64.4611, 0.3239,
0.3413

141.4203, 0.3213,
0.3385

47.0242, 0.3252,
0.3427

176.5709, 0.3207,
0.3378

33.0548, 0.3267,
0.3444

217.1109, 0.3202,
0.3372

22.1684, 0.3287,
0.3466

263.4247, 0.3197,
0.3367

13.9807, 0.3313,
0.3495

315.8967, 0.3193,
0.3363

8.1073, 0.3351,
0.3536

374.9113, 0.3189,

4.1637, 0.3406,

0.3359

0.3597

440.8529, 0.3186,
0.3355

■ 1.7655, 0.3497,
0.3698

■ 0.4655, 0.4388,
0.4674

■ 85.7498, 0.3229,
0.3402

■ 85.7498, 0.3229,
0.3402

■ 80.2212, 0.3397,
0.3579

■ 91.6577, 0.3077,
0.3233

■ 75.0507, 0.3579,
0.3762

■ 96.5467, 0.3054,
0.3271

■ 70.2313, 0.3775,
0.3944

■ 97.7879, 0.3053,
0.3290

■ 65.7516, 0.3978,
0.4118

■ 61.5994, 0.4184,
0.4275

■ 57.7612, 0.4382,
0.4402

■ 54.2221, 0.4565,
0.4490

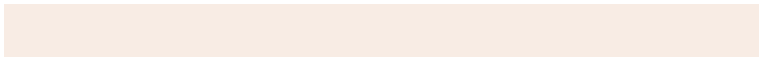
■ 50.9652, 0.4721,
0.4529

■ 47.9693, 0.4844,
0.4517

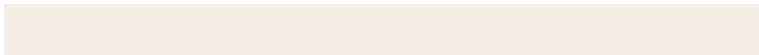
Harmonies

Analogous

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



85.7498, 0.3258, 0.3369



85.7498, 0.3229, 0.3402



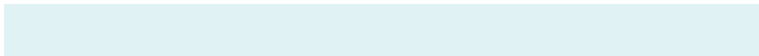
85.7498, 0.3173, 0.3405

Triad

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



85.7498, 0.3229, 0.3402



85.7498, 0.3004, 0.3263



85.7498, 0.3149, 0.3206

Complementary

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



85.7498, 0.3229, 0.3402



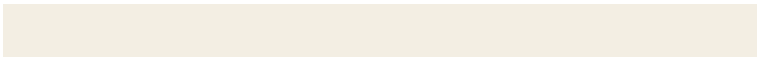
80.4647, 0.3026, 0.3175

Split Complementary

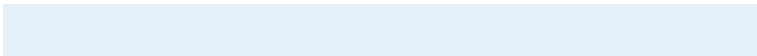
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.7498, 0.3081, 0.3178



85.7498, 0.3229, 0.3402



85.7498, 0.2998, 0.3210

Square

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



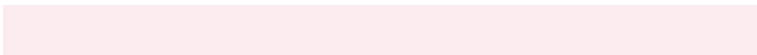
85.7498, 0.3229, 0.3402



85.7498, 0.3043, 0.3324



85.7498, 0.3026, 0.3179



85.7498, 0.3212, 0.3256

Rectangle

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



85.7498, 0.3229, 0.3402



85.7498, 0.3128, 0.3390



85.7498, 0.3026, 0.3179



85.7498, 0.3126, 0.3194

Sweetspot

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



85.7535, 0.3229, 0.3402



98.6739, 0.3157, 0.3324



79.8029, 0.3205, 0.3239



21.1342, 0.3156, 0.3322



0.0000, 0.0000, 0.0000



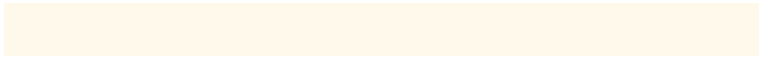
21.4041, 0.3127, 0.3290

Same Dimension

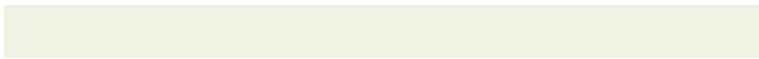
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7535, 0.3229, 0.3402



94.7964, 0.3252, 0.3427



88.1542, 0.3205, 0.3452



18.3984, 0.3276, 0.3453



26.0514, 0.4869, 0.4516



2.4717, 0.4763, 0.4600

Inverse Universe

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



80.4647, 0.3026, 0.3175



87.6701, 0.3003, 0.3149



78.2032, 0.3046, 0.3125



16.7625, 0.2980, 0.3122



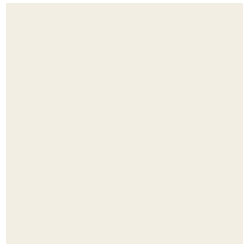
6.5332, 0.1616, 0.1018



0.7491, 0.1684, 0.1263

Previews

White Background



This preview shows how the Yxy color 85.7498, 0.3229, 0.3402 looks on a white background.

Color Contrast Check

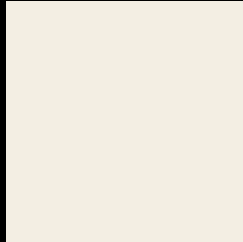
Large Text (above 18pt) WCAG AA × Fail

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 85.7498, 0.3229, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

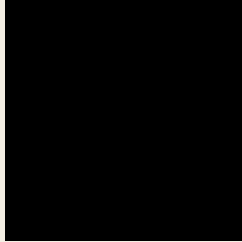
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

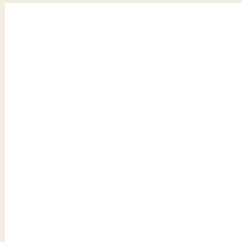
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.7498, 0.3229, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 85.7498, 0.3229, 0.3402.

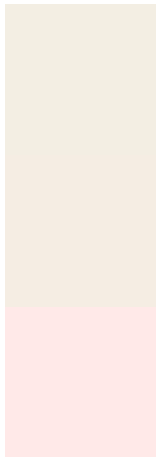


This preview shows how white text looks on a background with the Yxy color 85.7498, 0.3229, 0.3402.

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

85.7498, 0.3229, 0.3402

Protanopia

85.5269, 0.3244, 0.3391

Deuteranopia

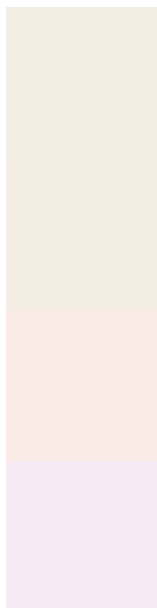
85.3640, 0.3284, 0.3300



Tritanopia

85.7116, 0.3096, 0.3103

Trichromacy



Original Color

85.7498, 0.3229, 0.3402

Protanomaly

85.3475, 0.3237, 0.3391

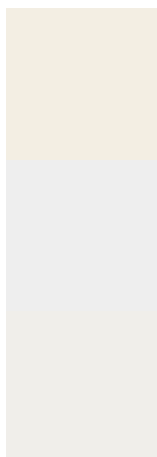
Deuteranomaly

85.6391, 0.3267, 0.3340

Tritanomaly

85.5411, 0.3145, 0.3201

Monochromacy



Original Color

85.7498, 0.3229, 0.3402

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.6148, 0.3165, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7498, 0.3229, 0.3402 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(243, 238, 227) looks like.

```
.text, #text, p{  
    color:rgb(243, 238, 227)  
}
```

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(243, 238, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 238, 227) }
```

Border

The CSS property to change the border of an element to Yxy 85.7498, 0.3229, 0.3402 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(243, 238, 227) }
```

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

```
.border{ border-color:rgb(243, 238, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 238, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 238, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 238, 227);  
box-shadow:4px 4px 4px 4px rgb(243, 238,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7498, 0.3229, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 238, 227) }
```

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

```
.background{ background-color: rgb(243,  
238, 227) }
```

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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