

Converting Colors

$Yxy(85.6668, 0.3206, 0.3344)$

Have a look what the booklet for
Yxy(85.6668, 0.3206, 0.3344)
contains.

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Color

Yxy(85.6277, 0.3205, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	F4EDE8
RGB	244, 237, 232
RGB Percent	96%, 93%, 91%
CMY	0.0433, 0.0705, 0.0903
CMYK	0.00, 0.03, 0.05, 0.04
HSL	25°, 35%, 93%
HSV	25°, 5%, 96%
XYZ	82.1421, 85.6277, 88.5238
YIQ	238.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

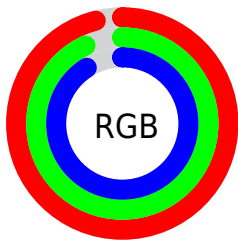
Format	Color
R _Y B	244, 241, 232
Decimal	16051688
CIE Lab	94.15, 1.46, 3.25
CIE LCh	94, 3.568, 65.764
Yxy	85.6277, 0.3205, 0.3341
Android (android.graphics.Color)	4294241768 (0xFFFF4EDE8)
YUV	238.5230, -3.2158, 4.8033
Hunter-Lab	92.5352, -3.4850, 8.0549

Details

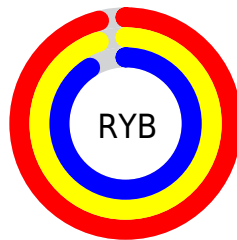
The Yxy color **85.6277, 0.3205, 0.3341** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.3573, 0.3052, 0.3238**, and the grayscale version is **85.9452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.8737, 0.3228, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **76.4859, 0.3383, 0.3450**, and if you desaturate by 10%, it is **95.5239, 0.3060, 0.3252**.

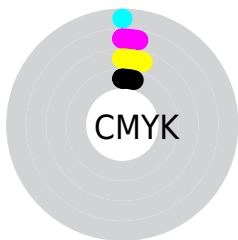
Distribution



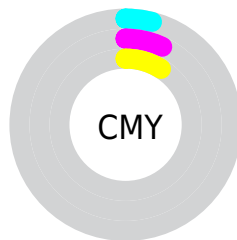
- Red (96%)
- Green (93%)
- Blue (91%)



- Red (96%)
- Yellow (95%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.6277, 0.3205, 0.3341 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 85.6277, 0.3205, 0.3341 by changing the saturation by 10% instead.

85.6277, 0.3205,
0.3341

85.6277, 0.3205,
0.3341

513.7028, 0.3170,
0.3318

64.3602, 0.3213,
0.3346

141.2498, 0.3193,
0.3333

46.9424, 0.3222,
0.3352

176.3732, 0.3188,
0.3330

32.9902, 0.3234,
0.3360

216.8840, 0.3184,
0.3328

22.1189, 0.3250,
0.3370

263.1666, 0.3181,
0.3325

13.9443, 0.3270,
0.3383

315.6054, 0.3178,
0.3323

8.0819, 0.3299,
0.3401

374.5847, 0.3175,

4.1474, 0.3342,

0.3321

440.4891, 0.3172,
0.3320

0.3428

■ 1.7564, 0.3413,
0.3472

■ 0.4598, 0.3921,
0.3813

■ 85.6277, 0.3205,
0.3341

■ 85.6277, 0.3205,
0.3341

■ 76.4859, 0.3383,
0.3450

■ 95.5239, 0.3060,
0.3252

■ 68.1533, 0.3588,
0.3564

■ 97.9643, 0.3059,
0.3290

■ 60.6101, 0.3824,
0.3681

■ 53.8314, 0.4091,
0.3793

■ 47.7907, 0.4385,
0.3893

■ 42.4598, 0.4697,
0.3969

■ 37.8084, 0.5011,
0.4008

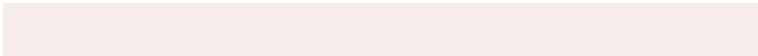
■ 33.8032, 0.5304,
0.3998

■ 30.4063, 0.5554,
0.3933

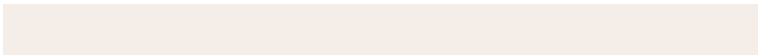
Harmonies

Analogous

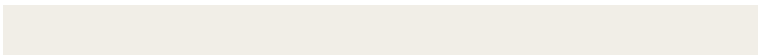
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6277, 0.3204, 0.3310



85.6277, 0.3205, 0.3341



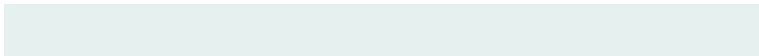
85.6277, 0.3185, 0.3359

Triad

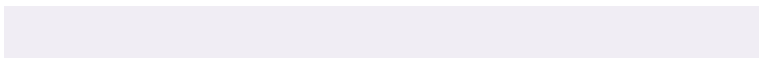
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6277, 0.3205, 0.3341



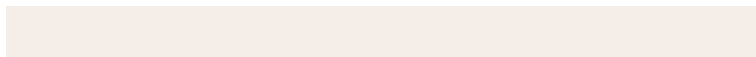
85.6277, 0.3073, 0.3307



85.6277, 0.3104, 0.3223

Complementary

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



85.6277, 0.3205, 0.3341



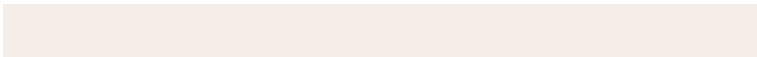
85.3573, 0.3052, 0.3238

Split Complementary

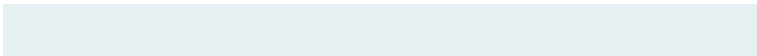
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6277, 0.3069, 0.3222



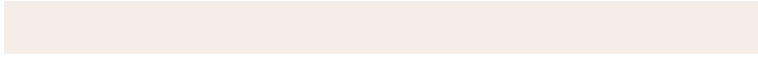
85.6277, 0.3205, 0.3341



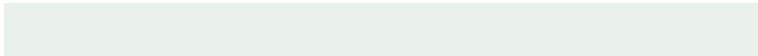
85.6277, 0.3051, 0.3270

Square

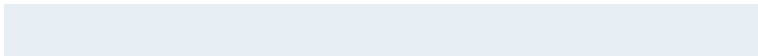
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.6277, 0.3205, 0.3341



85.6277, 0.3109, 0.3339



85.6277, 0.3050, 0.3239



85.6277, 0.3145, 0.3242

Rectangle

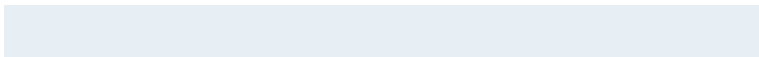
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.6277, 0.3205, 0.3341



85.6277, 0.3163, 0.3361



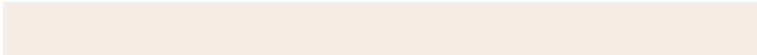
85.6277, 0.3050, 0.3239



85.6277, 0.3091, 0.3221

Sweetspot

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



85.6314, 0.3205, 0.3341



98.8992, 0.3143, 0.3300



83.1542, 0.3164, 0.3220



21.1801, 0.3142, 0.3300



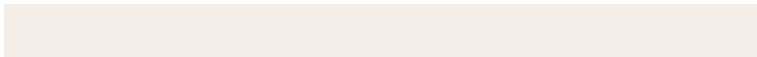
0.0000, 0.0000, 0.0000



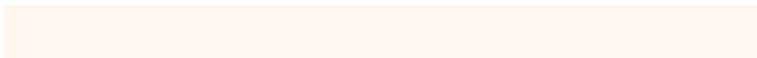
21.4041, 0.3127, 0.3290

Same Dimension

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



85.6314, 0.3205, 0.3341



93.5357, 0.3223, 0.3353



89.1223, 0.3200, 0.3400



18.2041, 0.3234, 0.3359



15.9727, 0.5636, 0.3907



1.6025, 0.5414, 0.4083

Inverse Universe

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



85.3573, 0.3052, 0.3238



93.1669, 0.3034, 0.3226



81.9440, 0.3053, 0.3178



18.1246, 0.3025, 0.3220



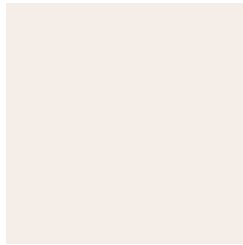
14.2108, 0.1846, 0.1847



1.4521, 0.1901, 0.2045

Previews

White Background



This preview shows how the Yxy color 85.6277, 0.3205, 0.3341 looks on a white background.

Color Contrast Check

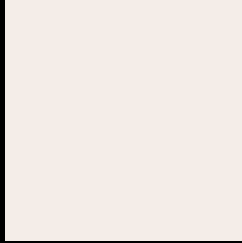
Large Text (above 18pt) WCAG AA × Fail

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 85.6277, 0.3205, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

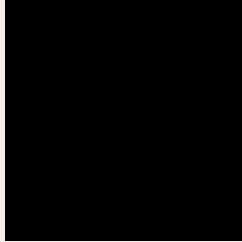
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

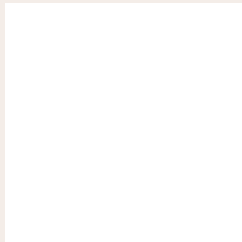
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.6277, 0.3205, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 85.6277, 0.3205, 0.3341.

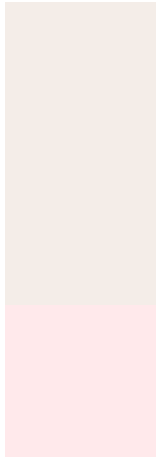


This preview shows how white text looks on a background with the Yxy color 85.6277, 0.3205, 0.3341.

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

85.6277, 0.3205, 0.3341

Protanopia

85.6277, 0.3205, 0.3341

Deuteranopia

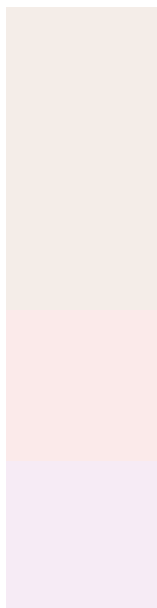
85.5360, 0.3265, 0.3271



Tritanopia

85.6481, 0.3102, 0.3113

Trichromacy



Original Color

85.6277, 0.3205, 0.3341

Protanomaly

85.6277, 0.3205, 0.3341

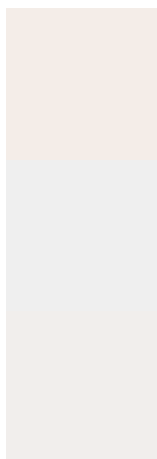
Deuteranomaly

85.2954, 0.3243, 0.3290

Tritanomaly

85.6021, 0.3138, 0.3191

Monochromacy



Original Color

85.6277, 0.3205, 0.3341

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.9060, 0.3159, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6277, 0.3205, 0.3341 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(244, 237, 232)` looks like.

```
.text, #text, p{  
    color:rgb(244, 237, 232)  
}
```

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(244, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 237, 232) }
```

Border

The CSS property to change the border of an element to Yxy 85.6277, 0.3205, 0.3341 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(244, 237, 232) }
```

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

```
.border{ border-color:rgb(244, 237, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 237, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(244, 237,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6277, 0.3205, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 237, 232) }
```

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

```
.background{ background-color: rgb(244,  
237, 232) }
```

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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