

Converting Colors

$Y_{xy}(81.1261, 0.3229, 0.3434)$

Have a look what the booklet for
Yxy(81.1261, 0.3229, 0.3434)
contains.

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Color

Yxy(81.0545, 0.3230, 0.3436)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EBE9DB |
| RGB | 235, 233, 219 |
| RGB Percent | 92%, 91%, 86% |
| CMY | 0.0783, 0.0863, 0.1412 |
| CMYK | 0.00, 0.01, 0.07, 0.08 |
| HSL | 52°, 29%, 89% |
| HSV | 52°, 7%, 92% |
| XYZ | 76.1950, 81.0545, 78.6483 |
| YIQ | 232.0020, 5.6860, -3.9300 |

Conversions

Conversions Part 2

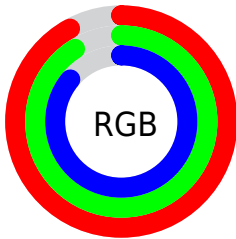
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 221, 235, 219 |
| Decimal | 15460827 |
| CIE Lab | 92.16, -1.71, 7.03 |
| CIE LCh | 92, 7.232, 103.680 |
| Yxy | 81.0545, 0.3230, 0.3436 |
| Android (android.graphics.Color) | 4293650907 (0xFFEBE9DB) |
| YUV | 232.0020, -6.4100, 2.6292 |
| Hunter-Lab | 90.0303, -6.4837, 11.2268 |

Details

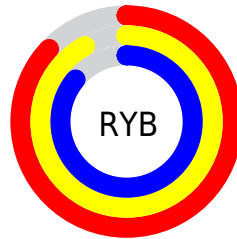
The Yxy color **81.0545, 0.3230, 0.3436** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **72.7979, 0.3023, 0.3140**, and the grayscale version is **80.7491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7083, 0.3252, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **78.2257, 0.3388, 0.3657**, and if you desaturate by 10%, it is **84.0939, 0.3081, 0.3224**.

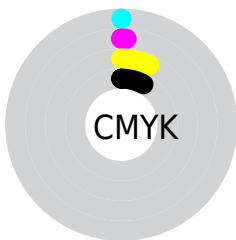
Distribution



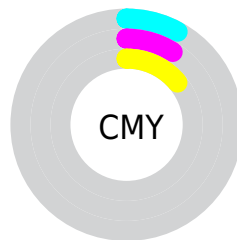
- Red (92%)
- Green (91%)
- Blue (86%)



- Red (87%)
- Yellow (92%)
- Blue (86%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.0545, 0.3230, 0.3436 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 81.0545, 0.3230, 0.3436 by changing the saturation by 10% instead.

81.0545, 0.3230,
0.3436

81.0545, 0.3230,
0.3436

498.4795, 0.3183,
0.3370

60.5865, 0.3240,
0.3451

134.8473, 0.3214,
0.3413

43.8915, 0.3253,
0.3469

168.9409, 0.3208,
0.3404

30.5852, 0.3269,
0.3492

208.3451, 0.3202,
0.3396

20.2832, 0.3290,
0.3522

253.4443, 0.3198,
0.3390

12.6011, 0.3318,
0.3563

304.6230, 0.3193,
0.3384

7.1544, 0.3357,
0.3620

362.2655, 0.3190,

3.5589, 0.3415,

0.3378

426.7562, 0.3186,
0.3374

0.3708

■ 1.4300, 0.3514,
0.3858

■ 0.2387, 0.4368,
0.5632

■ 81.0545, 0.3230,
0.3436

■ 81.0545, 0.3230,
0.3436

■ 78.2257, 0.3388,
0.3657

■ 84.0939, 0.3081,
0.3224

■ 75.5894, 0.3553,
0.3881

■ 86.6107, 0.3006,
0.3130

■ 73.1414, 0.3719,
0.4102

■ 88.3779, 0.3006,
0.3160

■ 70.8729, 0.3882,
0.4310

■ 90.1742, 0.3006,
0.3190

68.7748, 0.4035,
0.4496

91.9998, 0.3006,
0.3220

66.8366, 0.4171,
0.4650

93.8549, 0.3006,
0.3250

65.0468, 0.4284,
0.4763

95.7395, 0.3006,
0.3279

63.3915, 0.4369,
0.4830

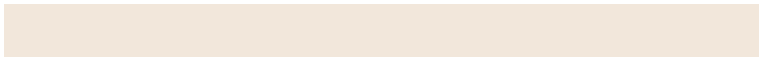
96.4084, 0.3006,
0.3290

61.8535, 0.4426,
0.4854

Harmonies

Analogous

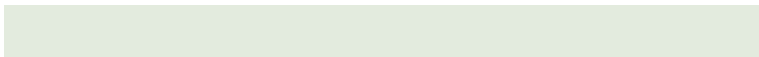
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0545, 0.3281, 0.3408



81.0545, 0.3230, 0.3436



81.0545, 0.3152, 0.3425

Triad

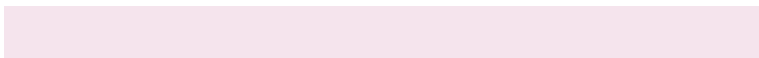
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0545, 0.3230, 0.3436



81.0545, 0.2966, 0.3228



81.0545, 0.3186, 0.3207

Complementary

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



81.0545, 0.3230, 0.3436



72.7979, 0.3023, 0.3140

Split Complementary

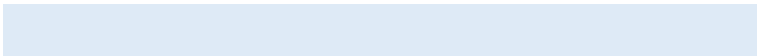
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0545, 0.3101, 0.3160



81.0545, 0.3230, 0.3436



81.0545, 0.2975, 0.3171

Square

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



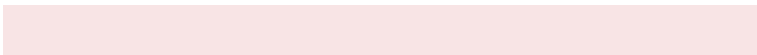
81.0545, 0.3230, 0.3436



81.0545, 0.3000, 0.3303



81.0545, 0.3024, 0.3147



81.0545, 0.3256, 0.3275

Rectangle

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



81.0545, 0.3230, 0.3436



81.0545, 0.3095, 0.3396



81.0545, 0.3024, 0.3147



81.0545, 0.3158, 0.3188

Sweetspot

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



81.0580, 0.3230, 0.3436



99.2621, 0.3157, 0.3333



73.5614, 0.3228, 0.3268



21.2540, 0.3155, 0.3330



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.



81.0580, 0.3230, 0.3436



97.1086, 0.3249, 0.3462



81.2364, 0.3188, 0.3459



17.2805, 0.3271, 0.3494



34.2807, 0.4436, 0.4860



2.7834, 0.4398, 0.4890

Inverse Universe

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



72.7979, 0.3023, 0.3140



85.4973, 0.3003, 0.3111



72.6539, 0.3064, 0.3120



14.8580, 0.2980, 0.3078



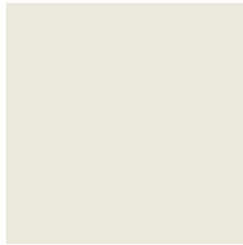
3.9534, 0.1527, 0.0698



0.4102, 0.1580, 0.0889

Previews

White Background



This preview shows how the Yxy color 81.0545, 0.3230, 0.3436 looks on a white background.

Color Contrast Check

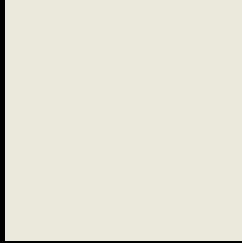
Large Text (above 18pt) WCAG AA × Fail

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 81.0545, 0.3230, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

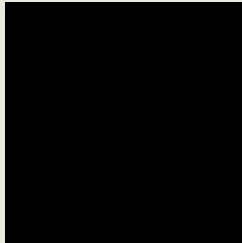
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

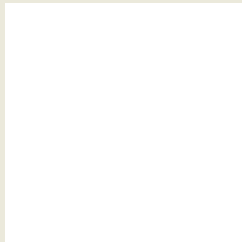
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0545, 0.3230, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 81.0545, 0.3230, 0.3436.

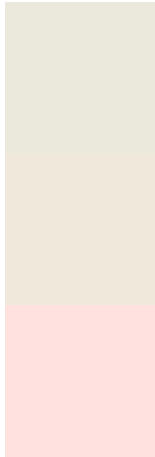


This preview shows how white text looks on a background with the Yxy color 81.0545, 0.3230, 0.3436.

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

81.0545, 0.3230, 0.3436

Protanopia

81.3004, 0.3272, 0.3435

Deuteranopia

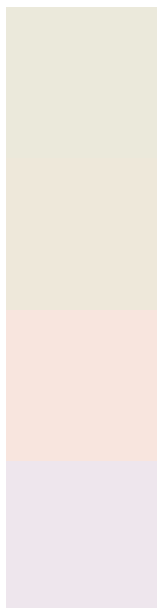
80.9804, 0.3352, 0.3321



Tritanopia

81.1047, 0.3082, 0.3108

Trichromacy



Original Color

81.0545, 0.3230, 0.3436

Protanomaly

80.9523, 0.3258, 0.3436

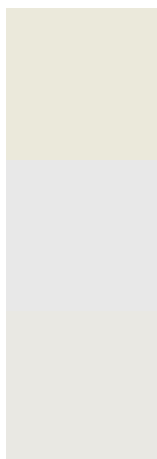
Deuteranomaly

81.2690, 0.3305, 0.3361

Tritanomaly

80.8852, 0.3137, 0.3219

Monochromacy



Original Color

81.0545, 0.3230, 0.3436

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.5829, 0.3166, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0545, 0.3230, 0.3436 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(235, 233, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 233, 219)  
}
```

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(235, 233, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 233, 219) }
```

Border

The CSS property to change the border of an element to Yxy 81.0545, 0.3230, 0.3436 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(235, 233, 219) }
```

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

```
.border{ border-color:rgb(235, 233, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 233, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 233, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 233, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 233,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0545, 0.3230, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 233, 219) }
```

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

```
.background{ background-color: rgb(235,  
233, 219) }
```

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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