

Converting Colors

$Yxy(86.0915, 0.3250, 0.3396)$

Have a look what the booklet for
Yxy(86.0915, 0.3250, 0.3396)
contains.

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Color

Yxy(86.2880, 0.3250, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	F6EEE3
RGB	246, 238, 227
RGB Percent	96%, 93%, 89%
CMY	0.0351, 0.0667, 0.1099
CMYK	0.00, 0.03, 0.08, 0.04
HSL	35°, 52%, 93%
HSV	35°, 8%, 96%
XYZ	82.4569, 86.2880, 84.9687
YIQ	239.1380, 8.2990, -1.7250

Conversions

Conversions Part 2

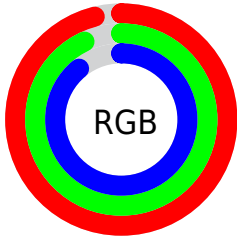
Format	Color
R_{YB}	241, 246, 227
Decimal	16183011
CIE Lab	94.44, 0.86, 6.27
CIE LCh	94, 6.332, 82.239
Yxy	86.2880, 0.3250, 0.3401
Android (android.graphics.Color)	4294373091 (0xFFFF6EEE3)
YUV	239.1380, -5.9840, 6.0180
Hunter-Lab	92.8913, -4.1106, 10.7907

Details

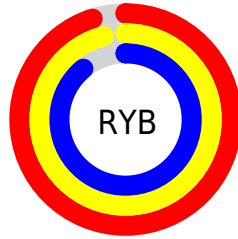
The Yxy color **86.2880, 0.3250, 0.3401** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.4265, 0.3007, 0.3176**, and the grayscale version is **86.4788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3816, 0.3277, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **79.1469, 0.3426, 0.3551**, and if you desaturate by 10%, it is **93.9806, 0.3094, 0.3259**.

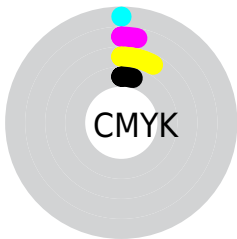
Distribution



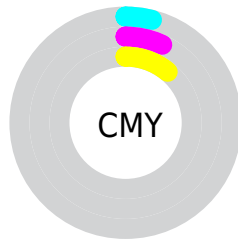
- Red (96%)
- Green (93%)
- Blue (89%)



- Red (95%)
- Yellow (96%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.2880, 0.3250, 0.3401 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 86.2880, 0.3250, 0.3401 by changing the saturation by 10% instead.


 86.2880, 0.3250,
0.3401

 86.2880, 0.3250,
0.3401


515.8804, 0.3195,
0.3351

 64.9062, 0.3262,
0.3412


142.1713, 0.3231,
0.3384

 47.3850, 0.3277,
0.3425


177.4416, 0.3224,
0.3377

 33.3401, 0.3296,
0.3442


218.1101, 0.3217,
0.3372

 22.3871, 0.3320,
0.3464

264.5613, 0.3212,
0.3367

 14.1416, 0.3352,
0.3492

317.1795, 0.3207,
0.3362

 8.2192, 0.3397,
0.3532

376.3491, 0.3202,

 4.2355, 0.3463,

0.3358

442.4546, 0.3198,
0.3355

0.3591

■ 1.8062, 0.3573,
0.3687

■ 0.4910, 0.4537,
0.4569

■ 86.2880, 0.3250,
0.3401

■ 86.2880, 0.3250,
0.3401

■ 79.1469, 0.3426,
0.3551

■ 93.9806, 0.3094,
0.3259

■ 72.5321, 0.3623,
0.3706

■ 98.3423, 0.3072,
0.3290

■ 66.4324, 0.3839,
0.3862

■ 60.8323, 0.4072,
0.4010

■ 55.7150, 0.4316,
0.4140

■ 51.0624, 0.4560,
0.4242

■ 46.8549, 0.4792,
0.4301

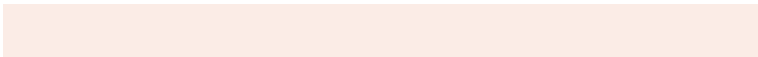
■ 43.0698, 0.4998,
0.4310

■ 39.6794, 0.5168,
0.4264

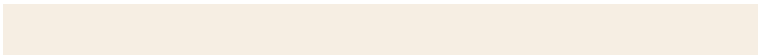
Harmonies

Analogous

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



86.2880, 0.3269, 0.3357



86.2880, 0.3250, 0.3401



86.2880, 0.3198, 0.3416

Triad

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



86.2880, 0.3250, 0.3401



86.2880, 0.3006, 0.3283



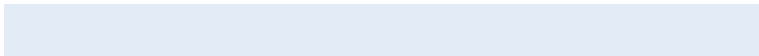
86.2880, 0.3126, 0.3187

Complementary

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



86.2880, 0.3250, 0.3401



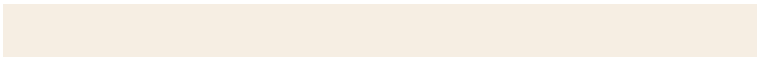
82.4265, 0.3007, 0.3176

Split Complementary

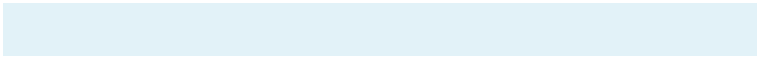
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2880, 0.3056, 0.3167



86.2880, 0.3250, 0.3401



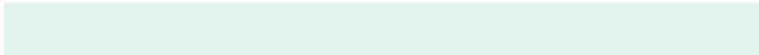
86.2880, 0.2987, 0.3221

Square

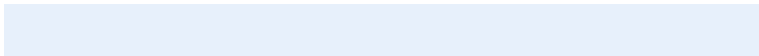
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



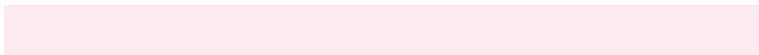
86.2880, 0.3250, 0.3401



86.2880, 0.3057, 0.3347



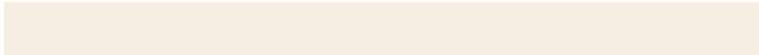
86.2880, 0.3006, 0.3179



86.2880, 0.3197, 0.3234

Rectangle

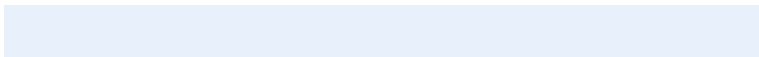
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.2880, 0.3250, 0.3401



86.2880, 0.3152, 0.3406



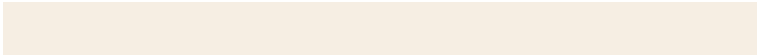
86.2880, 0.3006, 0.3179



86.2880, 0.3102, 0.3177

Sweetspot

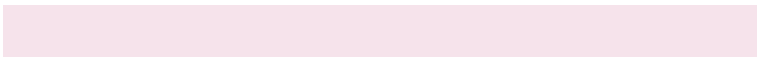
The Sweet Spot groups the original color and five complimentary colors.



86.2918, 0.3250, 0.3401



98.3082, 0.3158, 0.3318



80.5435, 0.3206, 0.3207



21.0598, 0.3156, 0.3317



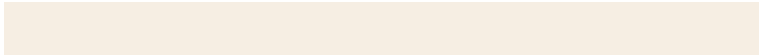
0.0000, 0.0000, 0.0000



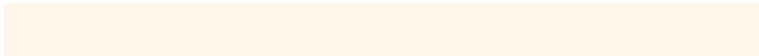
21.4041, 0.3127, 0.3290

Same Dimension

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



86.2918, 0.3250, 0.3401



92.5752, 0.3271, 0.3420



90.8615, 0.3234, 0.3481



18.0715, 0.3279, 0.3427



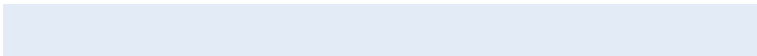
21.0711, 0.5183, 0.4267



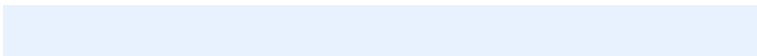
2.0552, 0.5025, 0.4392

Inverse Universe

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



82.4265, 0.3007, 0.3176



87.7400, 0.2987, 0.3157



78.1214, 0.3016, 0.3093



17.0780, 0.2980, 0.3150



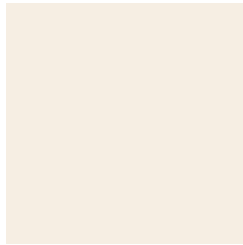
9.0978, 0.1703, 0.1330



0.9985, 0.1771, 0.1573

Previews

White Background



This preview shows how the Yxy color 86.2880, 0.3250, 0.3401 looks on a white background.

Color Contrast Check

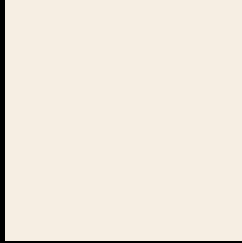
Large Text (above 18pt) WCAG AA × Fail

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 86.2880, 0.3250, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

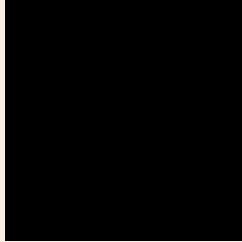
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

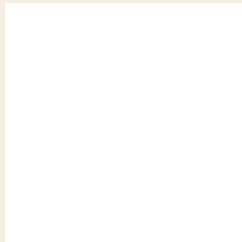
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.2880, 0.3250, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 86.2880, 0.3250, 0.3401.

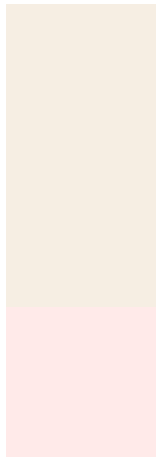


This preview shows how white text looks on a background with the Yxy color 86.2880, 0.3250, 0.3401.

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

86.2880, 0.3250, 0.3401

Protanopia

86.2880, 0.3250, 0.3401

Deuteranopia

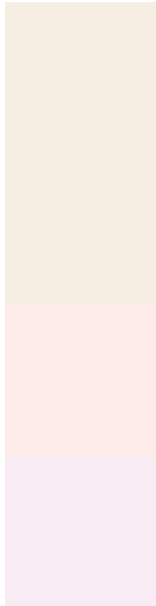
85.9888, 0.3277, 0.3300



Tritanopia

86.2615, 0.3116, 0.3105

Trichromacy



Original Color

86.2880, 0.3250, 0.3401

Protanomaly

86.2880, 0.3250, 0.3401

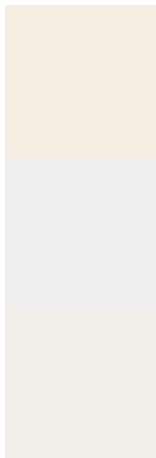
Deuteranomaly

85.8816, 0.3268, 0.3330

Tritanomaly

86.0881, 0.3165, 0.3201

Monochromacy



Original Color

86.2880, 0.3250, 0.3401

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.6084, 0.3172, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2880, 0.3250, 0.3401 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(246, 238, 227)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 238, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 238, 227) }
```

Border

The CSS property to change the border of an element to Yxy 86.2880, 0.3250, 0.3401 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(246, 238, 227) }
```

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

```
.border{ border-color:rgb(246, 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(246, 238, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 238, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 238, 227);  
box-shadow:4px 4px 4px 4px rgb(246, 238,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2880, 0.3250, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 238, 227) }
```

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

```
.background{ background-color: rgb(246,  
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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