

Converting Colors

$Yxy(88.7733, 0.3263, 0.3436)$

Have a look what the booklet for
Yxy(88.7733, 0.3263, 0.3436)
contains.

Yxy(89.0068, 0.3259, 0.3440)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(89.0068, 0.3259, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	F8F2E3
RGB	248, 242, 227
RGB Percent	97%, 95%, 89%
CMY	0.0275, 0.0509, 0.1098
CMYK	0.00, 0.02, 0.08, 0.03
HSL	43°, 60%, 93%
HSV	43°, 8%, 97%
XYZ	84.3236, 89.0068, 85.4103
YIQ	242.0840, 8.3910, -3.3930

Conversions

Conversions Part 2

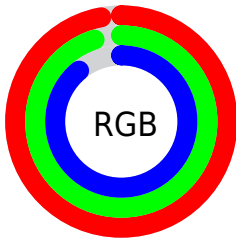
Format	Color
R_{YB}	235, 248, 227
Decimal	16315107
CIE Lab	95.58, -0.52, 7.93
CIE LCh	96, 7.951, 93.758
Yxy	89.0068, 0.3259, 0.3440
Android (android.graphics.Color)	4294505187 (0xFFFF8F2E3)
YUV	242.0840, -7.4364, 5.1883
Hunter-Lab	94.3434, -5.5587, 12.3644

Details

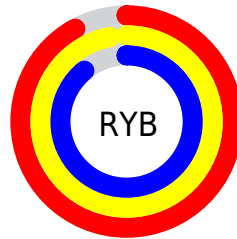
The Yxy color **89.0068, 0.3259, 0.3440** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.3701, 0.2996, 0.3135**, and the grayscale version is **88.9187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3028, 0.3289, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **83.6184, 0.3428, 0.3625**, and if you desaturate by 10%, it is **94.7623, 0.3104, 0.3263**.

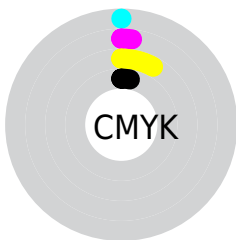
Distribution



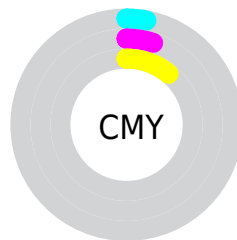
- Red (97%)
- Green (95%)
- Blue (89%)



- Red (92%)
- Yellow (97%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (3%)




- Cyan (3%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0068, 0.3259, 0.3440 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 89.0068, 0.3259, 0.3440 by changing the saturation by 10% instead.


 89.0068, 0.3259,
0.3440

 89.0068, 0.3259,
0.3440


524.7947, 0.3200,
0.3373

 67.1572, 0.3272,
0.3455


145.9580, 0.3239,
0.3417

 49.2124, 0.3288,
0.3473


181.8284, 0.3231,
0.3408

 34.7880, 0.3307,
0.3495

223.1412, 0.3224,
0.3400

 23.4996, 0.3332,
0.3524

270.2808, 0.3218,
0.3394

 14.9628, 0.3366,
0.3562

323.6315, 0.3213,
0.3388

 8.7933, 0.3412,
0.3615

383.5778, 0.3208,

 4.6066, 0.3479,

0.3382

0.3693

450.5041, 0.3204,
0.3377

■ 2.0184, 0.3588,
0.3819

■ 0.6181, 0.4384,
0.4714

■ 89.0068, 0.3259,
0.3440

■ 89.0068, 0.3259,
0.3440

■ 83.6184, 0.3428,
0.3625

■ 94.7623, 0.3104,
0.3263

■ 78.5752, 0.3611,
0.3814

■ 98.6930, 0.3084,
0.3290

■ 73.8703, 0.3804,
0.4001

■ 69.4921, 0.4003,
0.4178

■ 65.4280, 0.4200,
0.4334

■ 61.6643, 0.4387,
0.4459

■ 58.1855, 0.4554,
0.4542

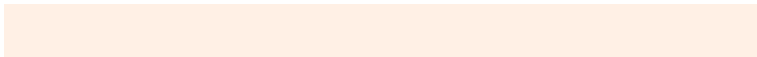
■ 54.9737, 0.4694,
0.4576

■ 52.0041, 0.4802,
0.4561

Harmonies

Analogous

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



89.0068, 0.3300, 0.3397



89.0068, 0.3259, 0.3440



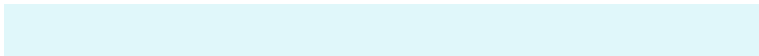
89.0068, 0.3183, 0.3442

Triad

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



89.0068, 0.3259, 0.3440



89.0068, 0.2963, 0.3249



89.0068, 0.3161, 0.3182

Complementary

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



89.0068, 0.3259, 0.3440



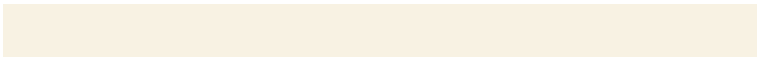
81.3701, 0.2996, 0.3135

Split Complementary

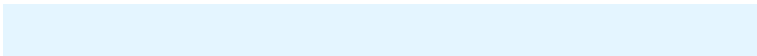
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.0068, 0.3070, 0.3143



89.0068, 0.3259, 0.3440



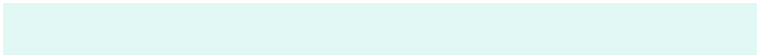
89.0068, 0.2957, 0.3180

Square

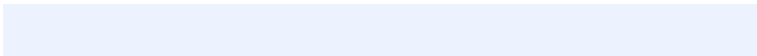
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.0068, 0.3259, 0.3440



89.0068, 0.3012, 0.3331



89.0068, 0.2996, 0.3142



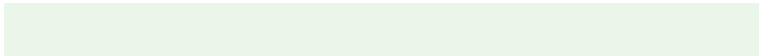
89.0068, 0.3243, 0.3249

Rectangle

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



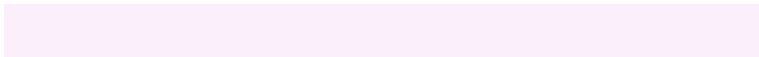
89.0068, 0.3259, 0.3440



89.0068, 0.3122, 0.3420



89.0068, 0.2996, 0.3142



89.0068, 0.3130, 0.3165

Sweetspot

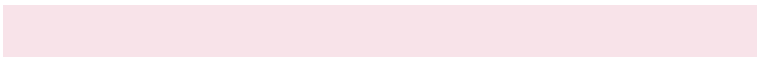
The Sweet Spot groups the original color and five complimentary colors.



89.0107, 0.3259, 0.3440



98.1360, 0.3173, 0.3343



80.7935, 0.3232, 0.3227



20.8998, 0.3185, 0.3357



0.0000, 0.0000, 0.0000



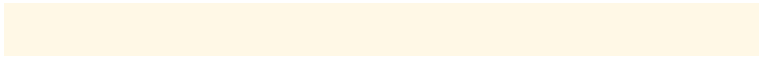
21.4041, 0.3127, 0.3290

Same Dimension

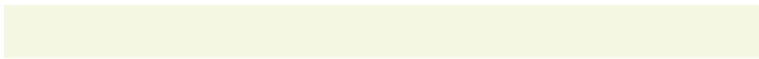
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0107, 0.3259, 0.3440



93.9227, 0.3284, 0.3468



91.8641, 0.3226, 0.3500



19.3071, 0.3276, 0.3459



28.1102, 0.4805, 0.4567



2.7839, 0.4715, 0.4639

Inverse Universe

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



81.3701, 0.2996, 0.3135



84.3875, 0.2971, 0.3105



78.7386, 0.3024, 0.3075



17.4472, 0.2979, 0.3115



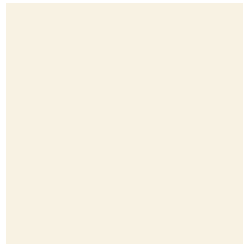
6.2710, 0.1600, 0.0959



0.7529, 0.1663, 0.1188

Previews

White Background



This preview shows how the Yxy color 89.0068, 0.3259, 0.3440 looks on a white background.

Color Contrast Check

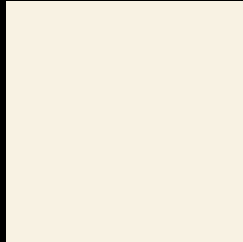
Large Text (above 18pt) WCAG AA × Fail

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 89.0068, 0.3259, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

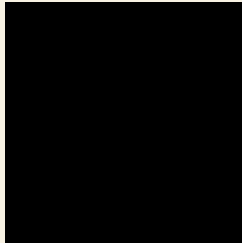
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

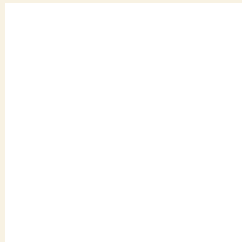
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.0068, 0.3259, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 89.0068, 0.3259, 0.3440.

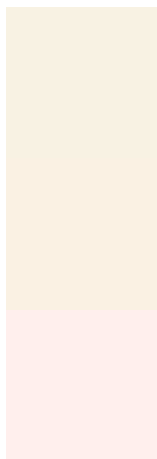


This preview shows how white text looks on a background with the Yxy color 89.0068, 0.3259, 0.3440.

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

89.0068, 0.3259, 0.3440

Protanopia

88.7806, 0.3274, 0.3430

Deuteranopia

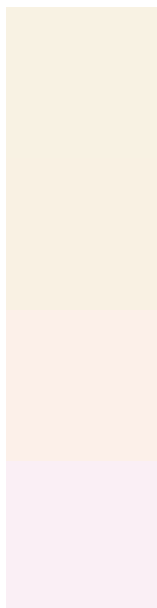
89.1074, 0.3246, 0.3310



Tritanopia

88.8783, 0.3109, 0.3125

Trichromacy



Original Color

89.0068, 0.3259, 0.3440

Protanomaly

88.5964, 0.3267, 0.3430

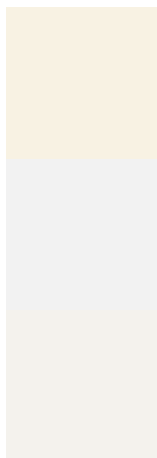
Deuteranomaly

88.8988, 0.3250, 0.3359

Tritanomaly

88.6496, 0.3163, 0.3231

Monochromacy



Original Color

89.0068, 0.3259, 0.3440

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.8518, 0.3171, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0068, 0.3259, 0.3440 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(248, 242, 227)` looks like.

```
.text, #text, p{  
    color:rgb(248, 242, 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(248, 242, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 242, 227) }
```

Border

The CSS property to change the border of an element to Yxy 89.0068, 0.3259, 0.3440 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(248, 242, 227) }
```

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

```
.border{ border-color:rgb(248, 242, 227) }
```

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

Here you see how a box with a 4 pixel rgb(248, 242, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 242, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 242, 227);  
box-shadow:4px 4px 4px 4px rgb(248, 242,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0068, 0.3259, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 242, 227) }
```

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

```
.background{ background-color: rgb(248,  
242, 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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