

Converting Colors

$Yxy(88.5062, 0.3242, 0.3398)$

Have a look what the booklet for
Yxy(88.5062, 0.3242, 0.3398)
contains.

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Color

Yxy(88.5802, 0.3241, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	F8F1E6
RGB	248, 241, 230
RGB Percent	97%, 95%, 90%
CMY	0.0276, 0.0548, 0.0980
CMYK	0.00, 0.03, 0.07, 0.03
HSL	37°, 56%, 94%
HSV	37°, 7%, 97%
XYZ	84.4378, 88.5802, 87.5120
YIQ	241.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

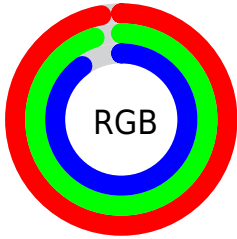
Format	Color
R _Y B	241, 248, 230
Decimal	16314854
CIE Lab	95.40, 0.47, 6.13
CIE LCh	95, 6.143, 85.657
Yxy	88.5802, 0.3241, 0.3400
Android (android.graphics.Color)	4294504934 (0xFFFF8F1E6)
YUV	241.8390, -5.8366, 5.4032
Hunter-Lab	94.1171, -4.5623, 10.7528

Details

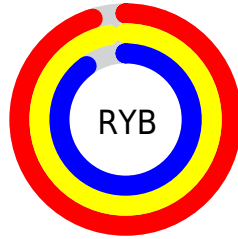
The Yxy color **88.5802, 0.3241, 0.3400** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.1315, 0.3015, 0.3178**, and the grayscale version is **88.6998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9995, 0.3266, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **81.7648, 0.3414, 0.3559**, and if you desaturate by 10%, it is **95.8998, 0.3086, 0.3249**.

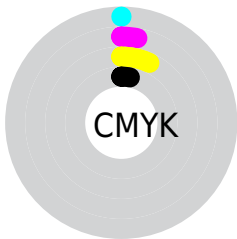
Distribution



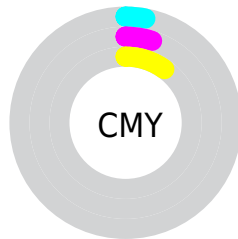
- Red (97%)
- Green (95%)
- Blue (90%)



- Red (95%)
- Yellow (97%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (3%)





- Cyan (3%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.5802, 0.3241, 0.3400 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 88.5802, 0.3241, 0.3400 by changing the saturation by 10% instead.


 88.5802, 0.3241,
0.3400

 88.5802, 0.3241,
0.3400


523.4014, 0.3190,
0.3351

 66.8037, 0.3252,
0.3411

145.3646, 0.3224,
0.3383

 48.9251, 0.3266,
0.3424


181.1414, 0.3217,
0.3377

 34.5601, 0.3283,
0.3440


222.3536, 0.3211,
0.3371

 23.3242, 0.3305,
0.3461

269.3858, 0.3206,
0.3366

 14.8331, 0.3334,
0.3489

322.6222, 0.3201,
0.3362

 8.7023, 0.3374,
0.3528

382.4474, 0.3197,

 4.5475, 0.3434,

0.3358

0.3584

449.2456, 0.3193,
0.3354

■ 1.9843, 0.3531,
0.3677

■ 0.5983, 0.4139,
0.4269

■ 88.5802, 0.3241,
0.3400

■ 88.5802, 0.3241,
0.3400

■ 81.7648, 0.3414,
0.3559

■ 95.8998, 0.3086,
0.3249

■ 75.4290, 0.3606,
0.3723

■ 98.6883, 0.3084,
0.3290

■ 69.5633, 0.3815,
0.3887

■ 64.1531, 0.4039,
0.4044

■ 59.1833, 0.4269,
0.4184

■ 54.6369, 0.4498,
0.4294

■ 50.4957, 0.4714,
0.4364

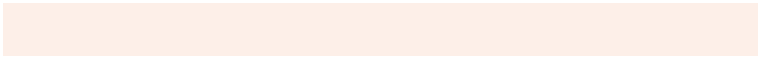
■ 46.7388, 0.4904,
0.4383

■ 43.3406, 0.5059,
0.4349

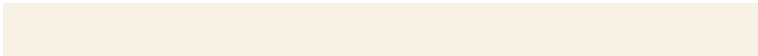
Harmonies

Analogous

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



88.5802, 0.3263, 0.3360



88.5802, 0.3241, 0.3400



88.5802, 0.3188, 0.3411

Triad

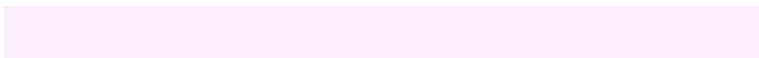
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5802, 0.3241, 0.3400



88.5802, 0.3007, 0.3276



88.5802, 0.3134, 0.3195

Complementary

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



88.5802, 0.3241, 0.3400



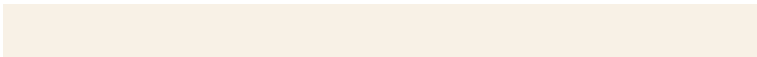
84.1315, 0.3015, 0.3178

Split Complementary

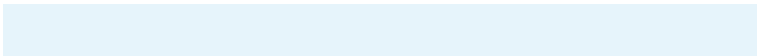
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5802, 0.3066, 0.3172



88.5802, 0.3241, 0.3400



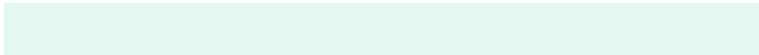
88.5802, 0.2993, 0.3218

Square

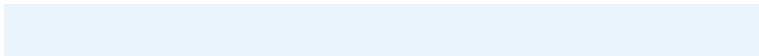
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



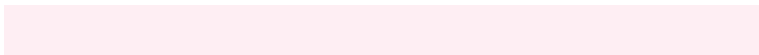
88.5802, 0.3241, 0.3400



88.5802, 0.3053, 0.3338



88.5802, 0.3014, 0.3181



88.5802, 0.3201, 0.3242

Rectangle

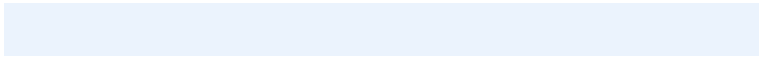
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.5802, 0.3241, 0.3400



88.5802, 0.3143, 0.3399



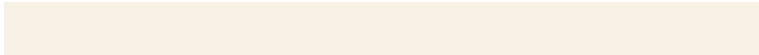
88.5802, 0.3014, 0.3181



88.5802, 0.3111, 0.3184

Sweetspot

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



88.5841, 0.3241, 0.3400



98.4251, 0.3158, 0.3320



82.6694, 0.3204, 0.3219



21.0836, 0.3156, 0.3318



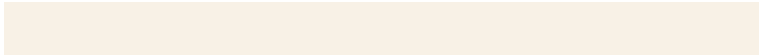
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

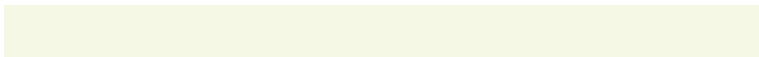
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5841, 0.3241, 0.3400



93.0817, 0.3270, 0.3428



92.4425, 0.3223, 0.3468



18.9987, 0.3279, 0.3435



23.2245, 0.5080, 0.4348



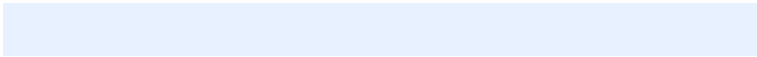
2.3564, 0.4946, 0.4455

Inverse Universe

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



84.1315, 0.3015, 0.3178



87.2454, 0.2987, 0.3148



80.4927, 0.3028, 0.3106



17.7425, 0.2979, 0.3140



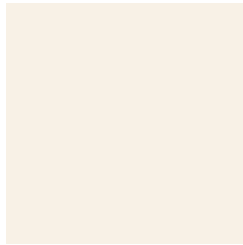
8.4135, 0.1673, 0.1221



0.9778, 0.1738, 0.1456

Previews

White Background



This preview shows how the Yxy color 88.5802, 0.3241, 0.3400 looks on a white background.

Color Contrast Check

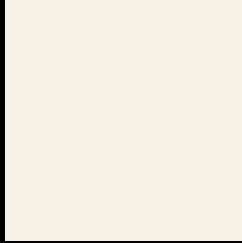
Large Text (above 18pt) WCAG AA × Fail

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 88.5802, 0.3241, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

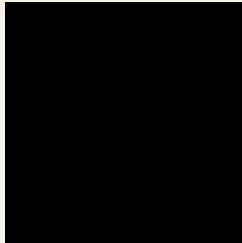
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

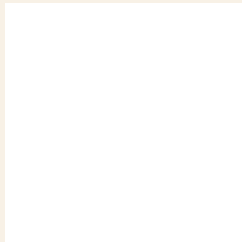
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5802, 0.3241, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 88.5802, 0.3241, 0.3400.

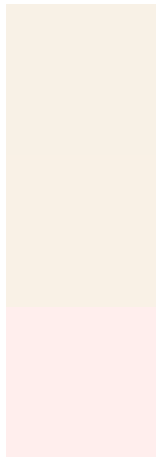


This preview shows how white text looks on a background with the Yxy color 88.5802, 0.3241, 0.3400.

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

88.5802, 0.3241, 0.3400

Protanopia

88.7635, 0.3248, 0.3400

Deuteranopia

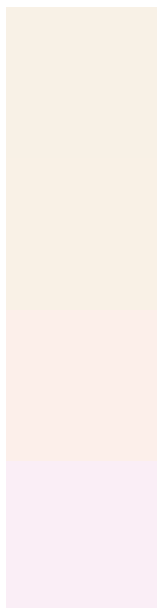
88.5235, 0.3247, 0.3300



Tritanopia

88.2976, 0.3109, 0.3115

Trichromacy



Original Color

88.5802, 0.3241, 0.3400

Protanomaly

88.7635, 0.3248, 0.3400

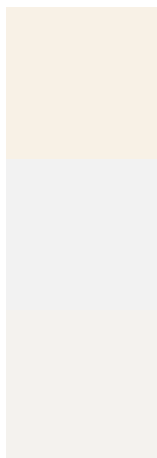
Deuteranomaly

88.3690, 0.3245, 0.3340

Tritanomaly

88.1269, 0.3157, 0.3212

Monochromacy



Original Color

88.5802, 0.3241, 0.3400

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.9104, 0.3165, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5802, 0.3241, 0.3400 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, 241, 230)` looks like.

```
.text, #text, p{  
    color:rgb(248, 241, 230)  
}
```

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, 241, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 241, 230) }
```

Border

The CSS property to change the border of an element to Yxy 88.5802, 0.3241, 0.3400 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, 241, 230) }
```

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

```
.border{ border-color:rgb(248, 241, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 241, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 241, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 241, 230);  
box-shadow:4px 4px 4px 4px rgb(248, 241,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5802, 0.3241, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 241, 230) }
```

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

```
.background{ background-color: rgb(248,  
241, 230) }
```

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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