

Converting Colors

$Yxy(87.8997, 0.3219, 0.3398)$

Have a look what the booklet for
Yxy(87.8997, 0.3219, 0.3398)
contains.

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Color

Yxy(88.0362, 0.3221, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	F5F1E6
RGB	245, 241, 230
RGB Percent	96%, 95%, 90%
CMY	0.0394, 0.0548, 0.0981
CMYK	0.00, 0.02, 0.06, 0.04
HSL	44°, 43%, 93%
HSV	44°, 6%, 96%
XYZ	83.3768, 88.0362, 87.4408
YIQ	240.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

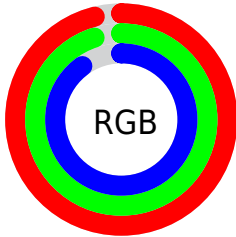
Format	Color
R _Y B	235, 245, 230
Decimal	16118246
CIE Lab	95.18, -0.57, 5.78
CIE LCh	95, 5.810, 95.643
Yxy	88.0362, 0.3221, 0.3401
Android (android.graphics.Color)	4294308326 (0xFFFF5F1E6)
YUV	240.9420, -5.3944, 3.5589
Hunter-Lab	93.8276, -5.5801, 10.4251

Details

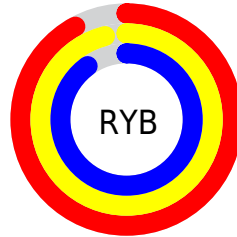
The Yxy color **88.0362, 0.3221, 0.3401** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.1933, 0.3033, 0.3176**, and the grayscale version is **87.9505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6119, 0.3240, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **83.0283, 0.3386, 0.3590**, and if you desaturate by 10%, it is **93.3788, 0.3070, 0.3221**.

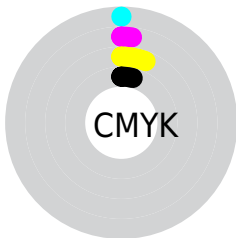
Distribution



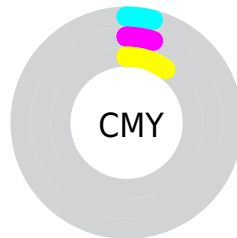
- Red (96%)
- Green (95%)
- Blue (90%)



- Red (92%)
- Yellow (96%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0362, 0.3221, 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 88.0362, 0.3221, 0.3401 by changing the saturation by 10% instead.

88.0362, 0.3221,
0.3401

88.0362, 0.3221,
0.3401

521.6218, 0.3179,
0.3351

66.3530, 0.3230,
0.3412

144.6076, 0.3207,
0.3384

48.5591, 0.3242,
0.3425

180.2645, 0.3201,
0.3377

34.2698, 0.3256,
0.3442

221.3483, 0.3196,
0.3372

23.1010, 0.3274,
0.3464

268.2431, 0.3192,
0.3367

14.6681, 0.3297,
0.3492

321.3335, 0.3188,
0.3362

8.5868, 0.3331,
0.3532

381.0038, 0.3185,

4.4726, 0.3380,

0.3358

0.3590

447.6384, 0.3182,
0.3355

■ 1.9413, 0.3460,
0.3687

■ 0.5730, 0.4010,
0.4330

■ 88.0362, 0.3221,
0.3401

■ 88.0362, 0.3221,
0.3401

■ 83.0283, 0.3386,
0.3590

■ 93.3788, 0.3070,
0.3221

■ 78.3343, 0.3563,
0.3783

■ 97.4127, 0.3066,
0.3279

■ 73.9479, 0.3750,
0.3977

■ 98.1427, 0.3065,
0.3290

■ 69.8587, 0.3943,
0.4161

■ 66.0550, 0.4135,
0.4328

■ 62.5242, 0.4316,
0.4465

■ 59.2522, 0.4480,
0.4562

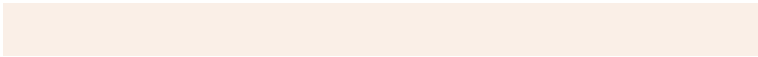
■ 56.2228, 0.4617,
0.4612

■ 53.4159, 0.4722,
0.4613

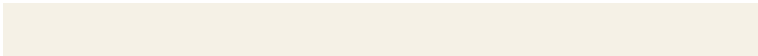
Harmonies

Analogous

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



88.0362, 0.3253, 0.3372



88.0362, 0.3221, 0.3401



88.0362, 0.3164, 0.3400

Triad

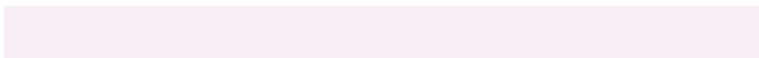
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0362, 0.3221, 0.3401



88.0362, 0.3005, 0.3257



88.0362, 0.3156, 0.3213

Complementary

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



88.0362, 0.3221, 0.3401



82.1933, 0.3033, 0.3176

Split Complementary

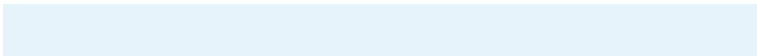
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0362, 0.3090, 0.3183



88.0362, 0.3221, 0.3401



88.0362, 0.3003, 0.3207

Square

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



88.0362, 0.3221, 0.3401



88.0362, 0.3040, 0.3317



88.0362, 0.3034, 0.3180



88.0362, 0.3215, 0.3263

Rectangle

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



88.0362, 0.3221, 0.3401



88.0362, 0.3120, 0.3383



88.0362, 0.3034, 0.3180



88.0362, 0.3134, 0.3200

Sweetspot

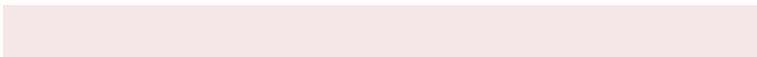
The Sweet Spot groups the original color and five complimentary colors.



88.0400, 0.3221, 0.3401



98.8268, 0.3157, 0.3326



81.9205, 0.3204, 0.3250



21.1654, 0.3156, 0.3324



0.0000, 0.0000, 0.0000



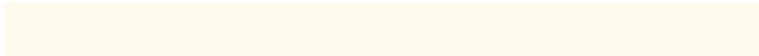
21.4041, 0.3127, 0.3290

Same Dimension

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



88.0400, 0.3221, 0.3401



95.9573, 0.3235, 0.3418



89.7640, 0.3195, 0.3441



18.7438, 0.3244, 0.3428



28.4658, 0.4747, 0.4613



2.6683, 0.4662, 0.4681

Inverse Universe

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



82.1933, 0.3033, 0.3176



88.6498, 0.3019, 0.3159



80.5709, 0.3057, 0.3137



17.2006, 0.3010, 0.3148



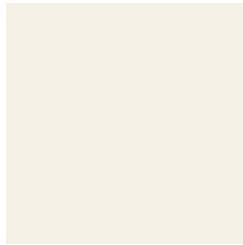
5.7265, 0.1587, 0.0912



0.6640, 0.1652, 0.1147

Previews

White Background



This preview shows how the Yxy color 88.0362, 0.3221, 0.3401 looks on a white background.

Color Contrast Check

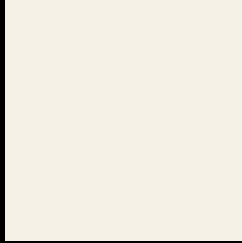
Large Text (above 18pt) WCAG AA × Fail

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 88.0362, 0.3221, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

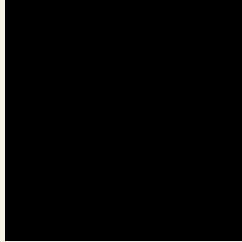
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

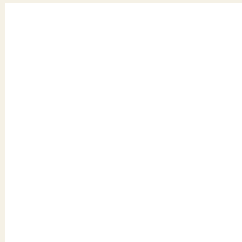
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0362, 0.3221, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 88.0362, 0.3221, 0.3401.

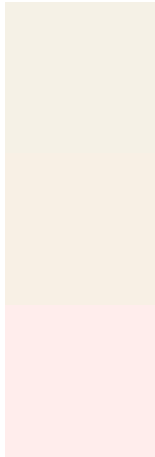


This preview shows how white text looks on a background with the Yxy color 88.0362, 0.3221, 0.3401.

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

88.0362, 0.3221, 0.3401

Protanopia

87.9338, 0.3249, 0.3400

Deuteranopia

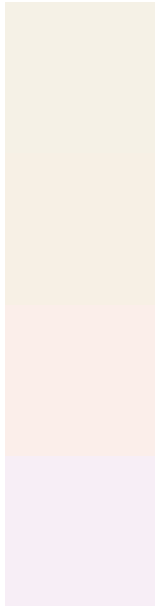
87.8845, 0.3254, 0.3300



Tritanopia

87.7448, 0.3089, 0.3114

Trichromacy



Original Color

88.0362, 0.3221, 0.3401

Protanomaly

87.7515, 0.3242, 0.3400

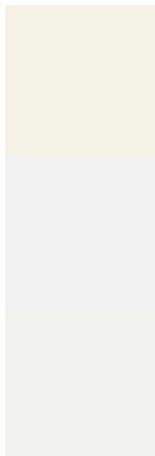
Deuteranomaly

87.5988, 0.3239, 0.3330

Tritanomaly

87.5770, 0.3137, 0.3211

Monochromacy



Original Color

88.0362, 0.3221, 0.3401

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.9023, 0.3158, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0362, 0.3221, 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(245, 241, 230)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 241, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 230) }
```

Border

The CSS property to change the border of an element to Yxy 88.0362, 0.3221, 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(245, 241, 230) }
```

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

```
.border{ border-color:rgb(245, 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(245, 241, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 241, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 241, 230); box-shadow:4px 4px 4px 4px rgb(245, 241, 230) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0362, 0.3221, 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(245, 241, 230) }
```

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

```
.background{ background-color: rgb(245,  
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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