

Converting Colors

$Y_{xy}(82.9670, 0.3199, 0.3320)$

Have a look what the booklet for
Yxy(82.9670, 0.3199, 0.3320)
contains.

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Color

Yxy(82.6918, 0.3201, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	F1E9E6
RGB	241, 233, 230
RGB Percent	95%, 91%, 90%
CMY	0.0547, 0.0863, 0.0982
CMYK	0.00, 0.03, 0.05, 0.05
HSL	16°, 28%, 92%
HSV	16°, 5%, 95%
XYZ	79.7038, 82.6918, 86.6010
YIQ	235.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

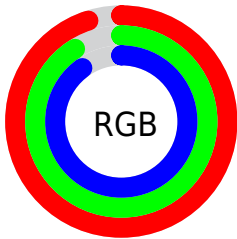
Format	Color
R _Y B	241, 234, 230
Decimal	15854054
CIE Lab	92.88, 2.19, 2.42
CIE LCh	93, 3.266, 47.787
Yxy	82.6918, 0.3201, 0.3321
Android (android.graphics.Color)	4294044134 (0xFFFF1E9E6)
YUV	235.0500, -2.4896, 5.2182
Hunter-Lab	90.9350, -2.6825, 7.1903

Details

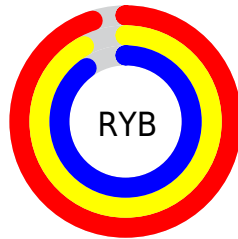
The Yxy color **82.6918, 0.3201, 0.3321** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.3290, 0.3056, 0.3259**, and the grayscale version is **83.1386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8537, 0.3214, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **72.0039, 0.3384, 0.3392**, and if you desaturate by 10%, it is **94.5585, 0.3048, 0.3255**.

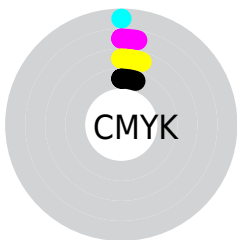
Distribution



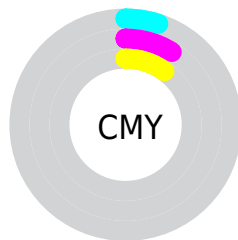
- Red (95%)
- Green (91%)
- Blue (90%)



- Red (95%)
- Yellow (92%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6918, 0.3201, 0.3321 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 82.6918, 0.3201, 0.3321 by changing the saturation by 10% instead.


 82.6918, 0.3201,
0.3321

 82.6918, 0.3201,
0.3321


503.9588, 0.3168,
0.3307

 61.9359, 0.3208,
0.3324

137.1437, 0.3190,
0.3316

 44.9809, 0.3218,
0.3328

171.6086, 0.3185,
0.3314

 31.4424, 0.3229,
0.3333

211.4118, 0.3181,
0.3313

 20.9360, 0.3244,
0.3339

256.9380, 0.3178,
0.3311

 13.0772, 0.3264,
0.3347

308.5713, 0.3175,
0.3310

 7.4817, 0.3292,
0.3358

366.6963, 0.3172,

 3.7652, 0.3335,

0.3309

0.3374

431.6974, 0.3170,
0.3308

■ 1.5431, 0.3408,
0.3402

■ 0.3188, 0.4179,
0.3736

■ 82.6918, 0.3201,
0.3321

■ 82.6918, 0.3201,
0.3321

■ 72.0039, 0.3384,
0.3392

■ 94.5585, 0.3048,
0.3255

■ 62.4479, 0.3603,
0.3467

■ 97.4478, 0.3042,
0.3290

■ 53.9892, 0.3862,
0.3544

■ 46.5877, 0.4165,
0.3617

■ 40.2007, 0.4510,
0.3681

■ 34.7823, 0.4887,
0.3724

■ 30.2830, 0.5273,
0.3735

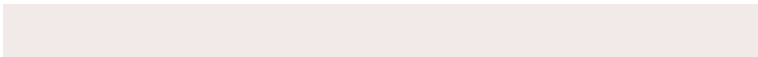
■ 26.6485, 0.5633,
0.3704

■ 23.8176, 0.5926,
0.3628

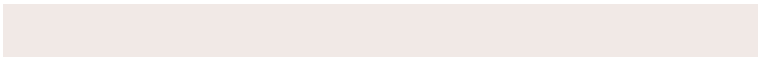
Harmonies

Analogous

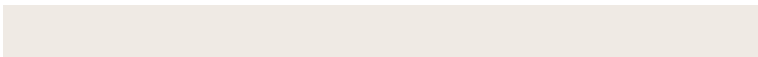
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6918, 0.3188, 0.3288



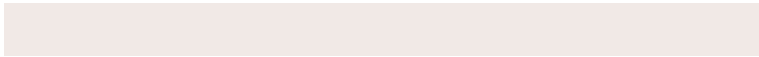
82.6918, 0.3201, 0.3321



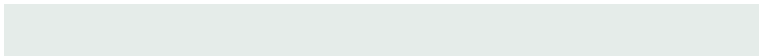
82.6918, 0.3194, 0.3346

Triad

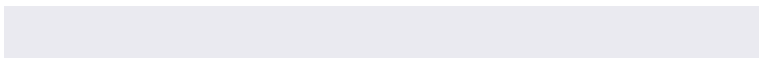
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6918, 0.3201, 0.3321



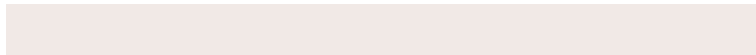
82.6918, 0.3096, 0.3324



82.6918, 0.3085, 0.3225

Complementary

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



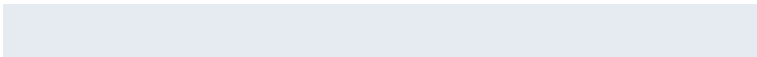
82.6918, 0.3201, 0.3321



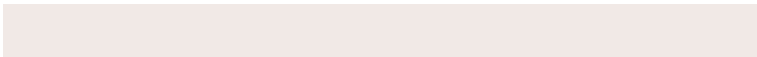
84.3290, 0.3056, 0.3259

Split Complementary

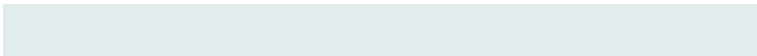
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6918, 0.3061, 0.3235



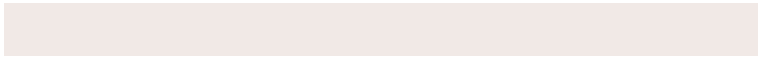
82.6918, 0.3201, 0.3321



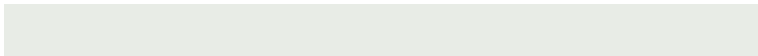
82.6918, 0.3067, 0.3292

Square

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



82.6918, 0.3201, 0.3321



82.6918, 0.3133, 0.3348



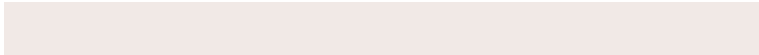
82.6918, 0.3054, 0.3259



82.6918, 0.3121, 0.3233

Rectangle

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



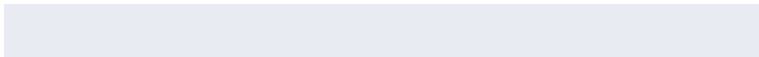
82.6918, 0.3201, 0.3321



82.6918, 0.3179, 0.3354



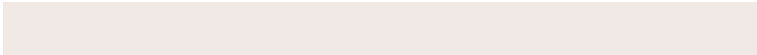
82.6918, 0.3054, 0.3259



82.6918, 0.3075, 0.3227

Sweetspot

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



82.6954, 0.3201, 0.3321



98.6603, 0.3143, 0.3297



81.4638, 0.3151, 0.3208



21.1315, 0.3142, 0.3296



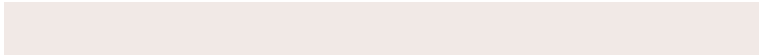
0.0000, 0.0000, 0.0000



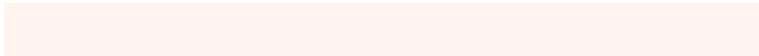
21.4041, 0.3127, 0.3290

Same Dimension

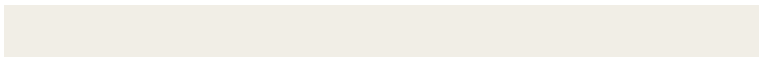
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6954, 0.3201, 0.3321



92.1638, 0.3225, 0.3331



85.8350, 0.3197, 0.3376



17.1193, 0.3236, 0.3335



12.4380, 0.6024, 0.3599



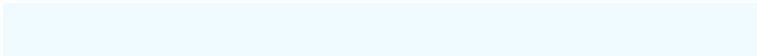
1.1948, 0.5767, 0.3803

Inverse Universe

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



84.3290, 0.3056, 0.3259



94.5735, 0.3034, 0.3249



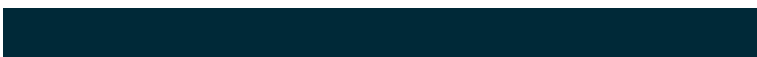
81.1973, 0.3057, 0.3202



17.6146, 0.3025, 0.3244



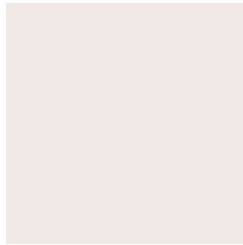
20.3332, 0.1994, 0.2377



1.8563, 0.2031, 0.2512

Previews

White Background



This preview shows how the Yxy color 82.6918, 0.3201, 0.3321 looks on a white background.

Color Contrast Check

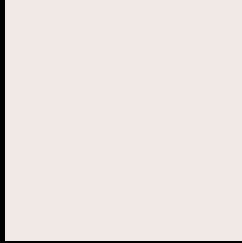
Large Text (above 18pt) WCAG AA × Fail

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 82.6918, 0.3201, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

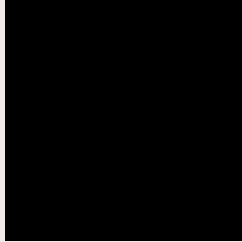
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

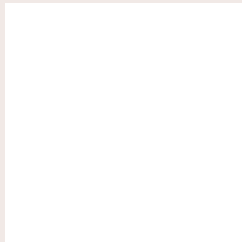
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6918, 0.3201, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 82.6918, 0.3201, 0.3321.

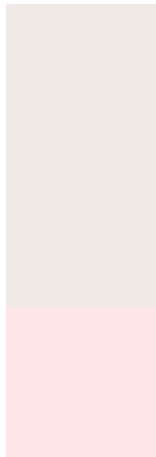


This preview shows how white text looks on a background with the Yxy color 82.6918, 0.3201, 0.3321.

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

82.6918, 0.3201, 0.3321

Protanopia

82.5163, 0.3194, 0.3321

Deuteranopia

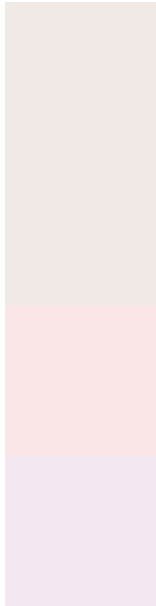
82.5730, 0.3289, 0.3251



Tritanopia

82.6040, 0.3109, 0.3111

Trichromacy



Original Color

82.6918, 0.3201, 0.3321

Protanomaly

82.5163, 0.3194, 0.3321

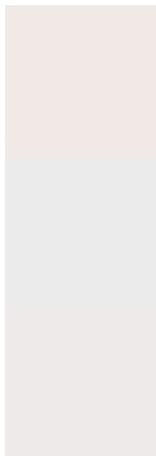
Deuteranomaly

82.6871, 0.3259, 0.3280

Tritanomaly

82.5574, 0.3145, 0.3190

Monochromacy



Original Color

82.6918, 0.3201, 0.3321

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.7334, 0.3154, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6918, 0.3201, 0.3321 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(241, 233, 230)` looks like.

```
.text, #text, p{  
    color:rgb(241, 233, 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(241, 233, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 233, 230) }
```

Border

The CSS property to change the border of an element to Yxy 82.6918, 0.3201, 0.3321 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(241, 233, 230) }
```

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

```
.border{ border-color:rgb(241, 233, 230) }
```

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

Here you see how a box with a 4 pixel rgb(241, 233, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 233, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 233, 230);  
box-shadow:4px 4px 4px 4px rgb(241, 233,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6918, 0.3201, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 233, 230) }
```

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

```
.background{ background-color: rgb(241,  
233, 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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