

Converting Colors

$Y_{xy}(81.0203, 0.3230, 0.3324)$

Have a look what the booklet for
Yxy(81.0203, 0.3230, 0.3324)
contains.

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Color

Yxy(81.0169, 0.3229, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	F2E6E3
RGB	242, 230, 227
RGB Percent	95%, 90%, 89%
CMY	0.0511, 0.0980, 0.1098
CMYK	0.00, 0.05, 0.06, 0.05
HSL	12°, 36%, 92%
HSV	12°, 6%, 95%
XYZ	78.7725, 81.0169, 84.1639
YIQ	233.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

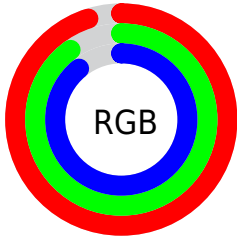
Format	Color
R _Y B	242, 231, 227
Decimal	15918819
CIE Lab	92.14, 3.54, 2.90
CIE LCh	92, 4.576, 39.296
Yxy	81.0169, 0.3229, 0.3321
Android (android.graphics.Color)	4294108899 (0xFF2E6E3)
YUV	233.2460, -3.0793, 7.6773
Hunter-Lab	90.0094, -1.3005, 7.5670

Details

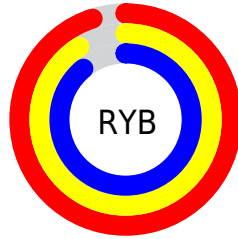
The Yxy color **81.0169, 0.3229, 0.3321** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.4523, 0.3031, 0.3259**, and the grayscale version is **81.6991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0776, 0.3250, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **69.6050, 0.3422, 0.3374**, and if you desaturate by 10%, it is **93.8172, 0.3070, 0.3272**.

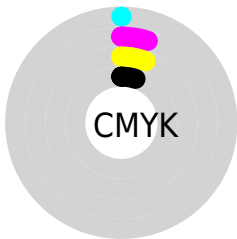
Distribution



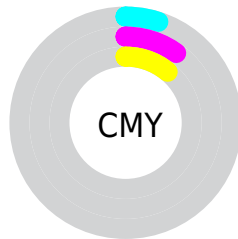
- Red (95%)
- Green (90%)
- Blue (89%)



- Red (95%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0169, 0.3229, 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 81.0169, 0.3229, 0.3321 by changing the saturation by 10% instead.


 81.0169, 0.3229,
0.3321

 81.0169, 0.3229,
0.3321


498.3533, 0.3183,
0.3307

 60.5555, 0.3239,
0.3324

134.7945, 0.3213,
0.3316

 43.8666, 0.3252,
0.3328

168.8795, 0.3207,
0.3314

 30.5656, 0.3268,
0.3332


208.2745, 0.3201,
0.3313

 20.2683, 0.3289,
0.3338

253.3639, 0.3197,
0.3311

 12.5902, 0.3317,
0.3346

304.5321, 0.3193,
0.3310

 7.1470, 0.3357,
0.3357

362.1634, 0.3189,

 3.5542, 0.3418,

0.3309

0.3373

426.6424, 0.3186,
0.3308

■ 1.4275, 0.3523,
0.3400

■ 0.2368, 0.5161,
0.3923

■ 81.0169, 0.3229,
0.3321

■ 81.0169, 0.3229,
0.3321

■ 69.6050, 0.3422,
0.3374

■ 93.8172, 0.3070,
0.3272

■ 59.5243, 0.3654,
0.3430

■ 97.6119, 0.3047,
0.3290

■ 50.7291, 0.3934,
0.3487

■ 43.1673, 0.4263,
0.3540

■ 36.7829, 0.4641,
0.3583

■ 31.5158, 0.5053,
0.3607

■ 27.3002, 0.5468,
0.3603

■ 24.0631, 0.5839,
0.3563

■ 21.7215, 0.6117,
0.3490

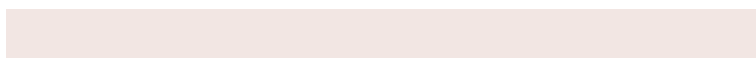
Harmonies

Analogous

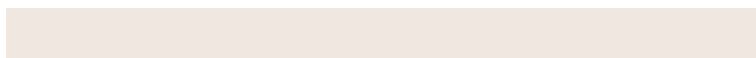
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0169, 0.3203, 0.3274



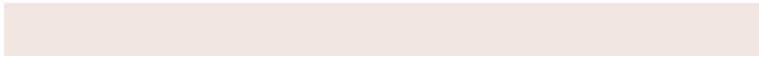
81.0169, 0.3229, 0.3321



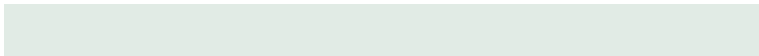
81.0169, 0.3227, 0.3360

Triad

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



81.0169, 0.3229, 0.3321



81.0169, 0.3097, 0.3350



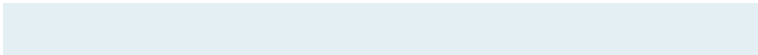
81.0169, 0.3056, 0.3200

Complementary

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



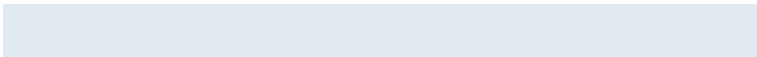
81.0169, 0.3229, 0.3321



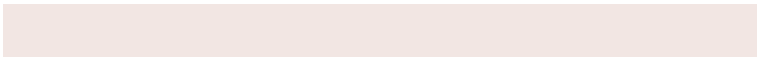
84.4523, 0.3031, 0.3259

Split Complementary

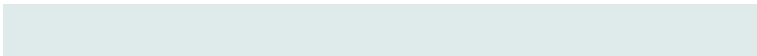
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0169, 0.3028, 0.3219



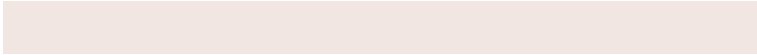
81.0169, 0.3229, 0.3321



81.0169, 0.3052, 0.3306

Square

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



81.0169, 0.3229, 0.3321



81.0169, 0.3151, 0.3377



81.0169, 0.3027, 0.3258



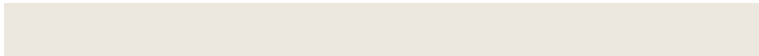
81.0169, 0.3103, 0.3205

Rectangle

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



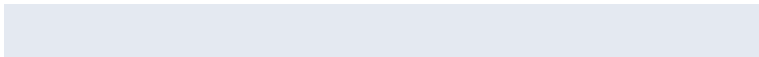
81.0169, 0.3229, 0.3321



81.0169, 0.3211, 0.3377



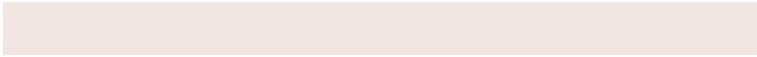
81.0169, 0.3027, 0.3258



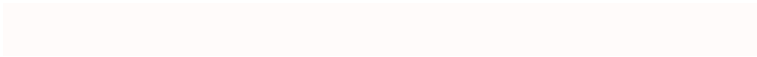
81.0169, 0.3044, 0.3204

Sweetspot

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



81.0204, 0.3229, 0.3321



97.1034, 0.3159, 0.3300



80.0452, 0.3153, 0.3169



20.8145, 0.3157, 0.3299



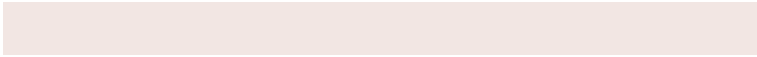
0.0000, 0.0000, 0.0000



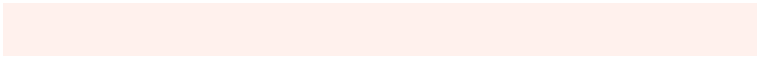
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0204, 0.3229, 0.3321



90.1385, 0.3244, 0.3325



85.2657, 0.3223, 0.3397



16.7440, 0.3254, 0.3328



11.4579, 0.6174, 0.3480



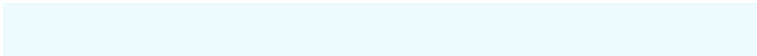
1.0893, 0.5931, 0.3673

Inverse Universe

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



84.4523, 0.3031, 0.3259



94.5027, 0.3018, 0.3254



80.1714, 0.3032, 0.3181



17.6230, 0.3010, 0.3251



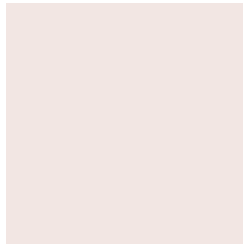
24.2182, 0.2065, 0.2632



2.1500, 0.2091, 0.2728

Previews

White Background



This preview shows how the Yxy color 81.0169, 0.3229, 0.3321 looks on a white background.

Color Contrast Check

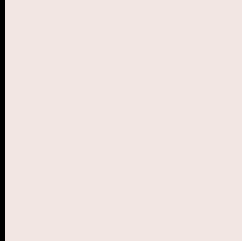
Large Text (above 18pt) WCAG AA × Fail

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 81.0169, 0.3229, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

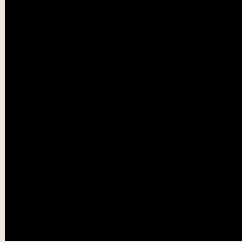
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

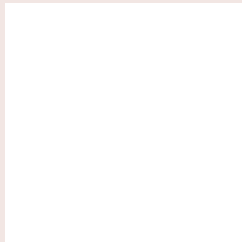
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0169, 0.3229, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 81.0169, 0.3229, 0.3321.

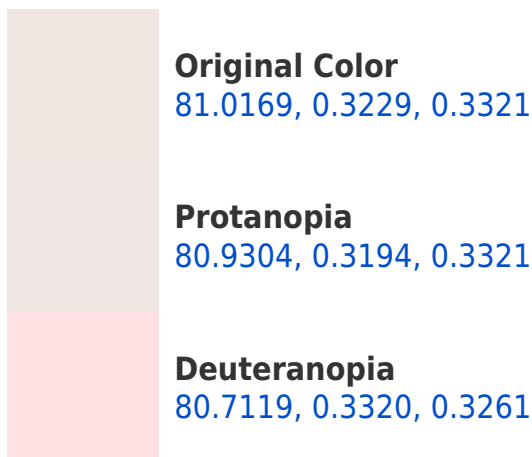


This preview shows how white text looks on a background with the Yxy color 81.0169, 0.3229, 0.3321.

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

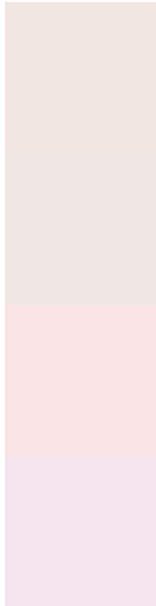




Tritanopia

80.9432, 0.3136, 0.3110

Trichromacy



Original Color

81.0169, 0.3229, 0.3321

Protanomaly

81.1040, 0.3201, 0.3321

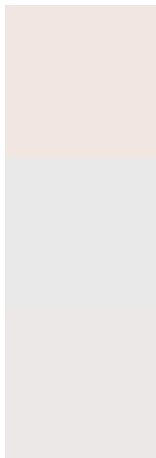
Deuteranomaly

80.8636, 0.3282, 0.3280

Tritanomaly

80.8929, 0.3173, 0.3189

Monochromacy



Original Color

81.0169, 0.3229, 0.3321

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.3156, 0.3161, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0169, 0.3229, 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(242, 230, 227)` looks like.

```
.text, #text, p{  
    color:rgb(242, 230, 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(242, 230, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 230, 227) }
```

Border

The CSS property to change the border of an element to Yxy 81.0169, 0.3229, 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(242, 230, 227) }
```

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

```
.border{ border-color:rgb(242, 230, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 230, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 230, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 230, 227);  
box-shadow:4px 4px 4px 4px rgb(242, 230,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0169, 0.3229, 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(242, 230, 227) }
```

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

```
.background{ background-color: rgb(242,  
230, 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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