

Converting Colors

$Y_{xy}(81.5205, 0.3204, 0.3281)$

Have a look what the booklet for
Yxy(81.5205, 0.3204, 0.3281)
contains.

Yxy(81.2404, 0.3203, 0.3280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(81.2404, 0.3203, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F2E6E7
RGB	242, 230, 231
RGB Percent	95%, 90%, 91%
CMY	0.0511, 0.0980, 0.0941
CMYK	0.00, 0.05, 0.05, 0.05
HSL	355°, 31%, 93%
HSV	355°, 5%, 95%
XYZ	79.3332, 81.2404, 87.1105
YIQ	233.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

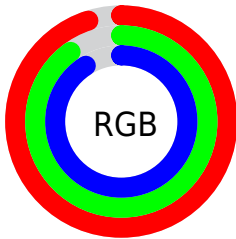
Format	Color
R _Y B	242, 230, 231
Decimal	15918823
CIE Lab	92.24, 4.22, 0.95
CIE LCh	92, 4.331, 12.696
Yxy	81.2404, 0.3203, 0.3280
Android (android.graphics.Color)	4294108903 (0xFF F2E6E7)
YUV	233.7020, -1.3321, 5.72773
Hunter-Lab	90.1335, -0.6223, 5.7919

Details

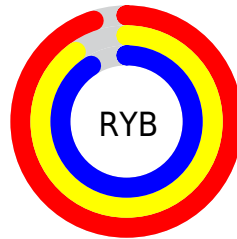
The Yxy color **81.2404, 0.3203, 0.3280** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.6636, 0.3056, 0.3300**, and the grayscale version is **82.0492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1942, 0.3225, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **67.5223, 0.3384, 0.3259**, and if you desaturate by 10%, it is **96.9937, 0.3058, 0.3300**.

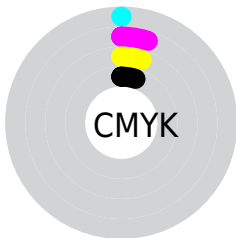
Distribution



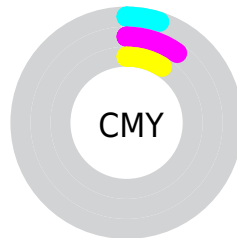
- Red (95%)
- Green (90%)
- Blue (91%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.2404, 0.3203, 0.3280 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 81.2404, 0.3203, 0.3280 by changing the saturation by 10% instead.


 81.2404, 0.3203,
0.3280

 81.2404, 0.3203,
0.3280

499.1033, 0.3169,
0.3285

 60.7396, 0.3211,
0.3279


135.1083, 0.3191,
0.3282

 44.0151, 0.3220,
0.3278


169.2441, 0.3187,
0.3282

 30.6823, 0.3232,
0.3276


208.6938, 0.3183,
0.3283

 20.3571, 0.3248,
0.3274

253.8417, 0.3179,
0.3283

 12.6549, 0.3268,
0.3271

305.0722, 0.3176,
0.3284

 7.1913, 0.3298,
0.3266

362.7697, 0.3173,

 3.5820, 0.3343,

0.3284

0.3260

427.3186, 0.3171,
0.3284

■ 1.4426, 0.3420,
0.3248

■ 0.2478, 0.4288,
0.3138

■ 81.2404, 0.3203,
0.3280

■ 81.2404, 0.3203,
0.3280

■ 67.5223, 0.3384,
0.3259

■ 96.9937, 0.3058,
0.3300

■ 55.7462, 0.3611,
0.3236

■ 97.6128, 0.3047,
0.3290

■ 45.8277, 0.3891,
0.3214

■ 37.6719, 0.4233,
0.3193

■ 31.1754, 0.4636,
0.3178

■ 26.2243, 0.5086,
0.3172

■ 22.6902, 0.5544,
0.3180

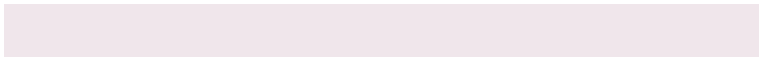
■ 20.4239, 0.5949,
0.3205

■ 19.2429, 0.6235,
0.3243

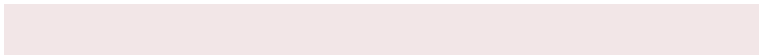
Harmonies

Analogous

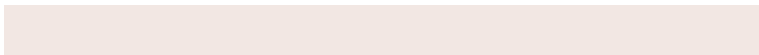
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2404, 0.3161, 0.3239



81.2404, 0.3203, 0.3280



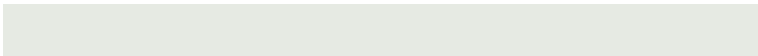
81.2404, 0.3225, 0.3324

Triad

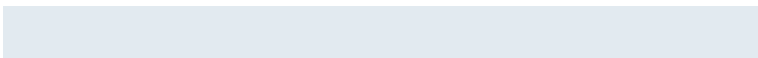
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2404, 0.3203, 0.3280



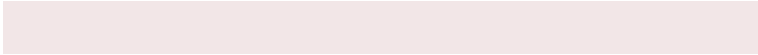
81.2404, 0.3144, 0.3371



81.2404, 0.3035, 0.3220

Complementary

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



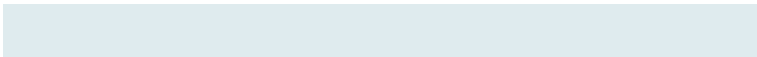
81.2404, 0.3203, 0.3280



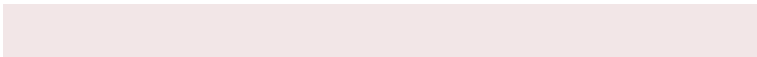
86.6636, 0.3056, 0.3300

Split Complementary

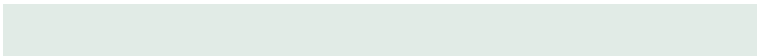
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2404, 0.3031, 0.3255



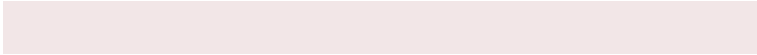
81.2404, 0.3203, 0.3280



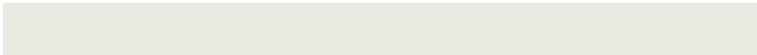
81.2404, 0.3093, 0.3342

Square

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



81.2404, 0.3203, 0.3280



81.2404, 0.3190, 0.3377



81.2404, 0.3052, 0.3300



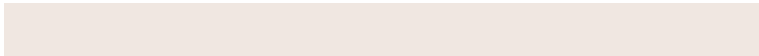
81.2404, 0.3064, 0.3204

Rectangle

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



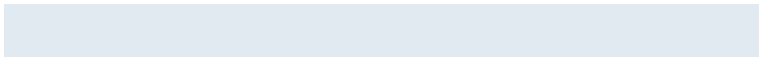
81.2404, 0.3203, 0.3280



81.2404, 0.3224, 0.3350



81.2404, 0.3052, 0.3300



81.2404, 0.3031, 0.3230

Sweetspot

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



81.2439, 0.3203, 0.3280



98.2342, 0.3142, 0.3288



81.6719, 0.3125, 0.3169



21.0448, 0.3141, 0.3288



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

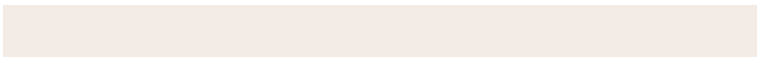
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2439, 0.3203, 0.3280



89.7534, 0.3221, 0.3278



83.8875, 0.3206, 0.3339



16.6255, 0.3231, 0.3277



10.1766, 0.6308, 0.3249



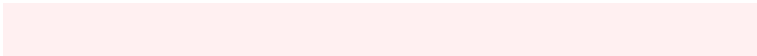
0.8539, 0.6093, 0.3130

Inverse Universe

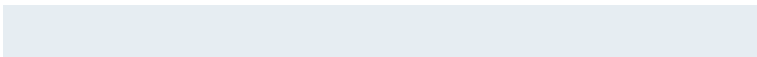
The Inverse Universe completely reimagines the original color for something new.



81.2439, 0.3203, 0.3280



89.7534, 0.3221, 0.3278



83.9129, 0.3051, 0.3241



16.6255, 0.3231, 0.3277



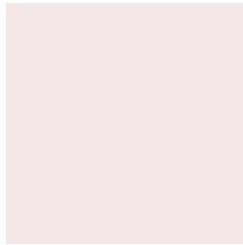
10.1766, 0.6308, 0.3249



0.8539, 0.6093, 0.3130

Previews

White Background



This preview shows how the Yxy color 81.2404, 0.3203, 0.3280 looks on a white background.

Color Contrast Check

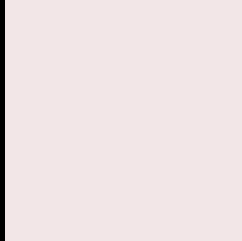
Large Text (above 18pt) WCAG AA × Fail

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 81.2404, 0.3203, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

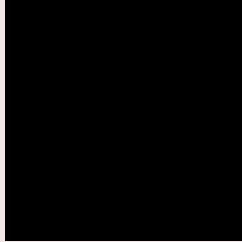
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

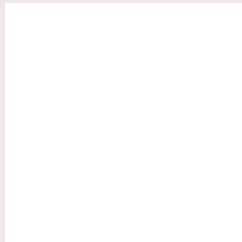
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.2404, 0.3203, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 81.2404, 0.3203, 0.3280.

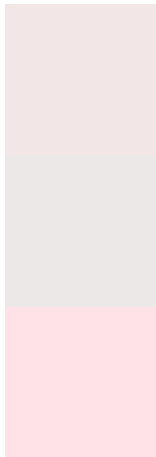


This preview shows how white text looks on a background with the Yxy color 81.2404, 0.3203, 0.3280.

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

81.2404, 0.3203, 0.3280

Protanopia

81.5439, 0.3161, 0.3290

Deuteranopia

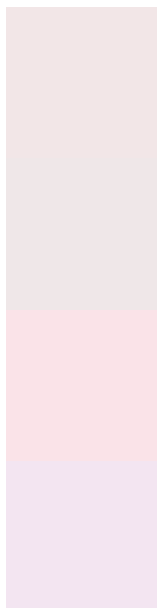
80.9366, 0.3292, 0.3221



Tritanopia

81.3737, 0.3122, 0.3110

Trichromacy



Original Color

81.2404, 0.3203, 0.3280

Protanomaly

81.3287, 0.3175, 0.3280

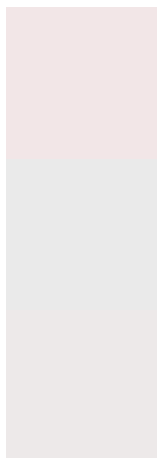
Deuteranomaly

81.0884, 0.3255, 0.3240

Tritanomaly

81.4442, 0.3146, 0.3169

Monochromacy



Original Color

81.2404, 0.3203, 0.3280

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.1655, 0.3154, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2404, 0.3203, 0.3280 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(242, 230, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 230, 231) }
```

Border

The CSS property to change the border of an element to Yxy 81.2404, 0.3203, 0.3280 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, 231) }
```

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

```
.border{ border-color:rgb(242, 230, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 230,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2404, 0.3203, 0.3280 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, 231) }
```

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

```
.background{ background-color: rgb(242,  
230, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor