

Converting Colors

$Yxy(83.6261, 0.3125, 0.3190)$

Have a look what the booklet for
Yxy(83.6261, 0.3125, 0.3190)
contains.

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Color

Yxy(83.6261, 0.3125, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	F2E9F3
RGB	242, 233, 243
RGB Percent	95%, 91%, 95%
CMY	0.0511, 0.0862, 0.0471
CMYK	0.00, 0.04, 0.00, 0.05
HSL	294°, 29%, 93%
HSV	294°, 4%, 95%
XYZ	81.9221, 83.6261, 96.6026
YIQ	236.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

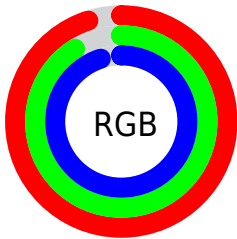
Format	Color
R _Y B	242, 233, 243
Decimal	15919603
CIE Lab	93.29, 4.77, -3.75
CIE LCh	93, 6.067, 321.802
Yxy	83.6261, 0.3125, 0.3190
Android (android.graphics.Color)	4294109683 (0xFF F2E9F3)
YUV	236.8310, 3.0413, 4.5332
Hunter-Lab	91.4473, -0.1254, 1.3807

Details

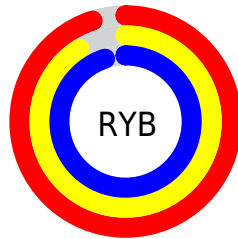
The Yxy color **83.6261, 0.3125, 0.3190** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.4743, 0.3129, 0.3392**, and the grayscale version is **84.5243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.4712, 0.3125, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **70.3677, 0.3118, 0.2939**, and if you desaturate by 10%, it is **97.3038, 0.3131, 0.3408**.

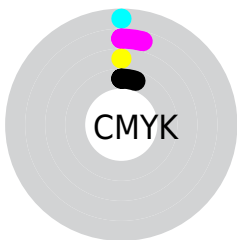
Distribution



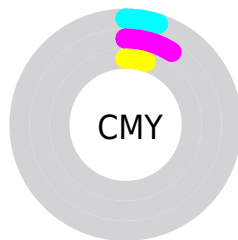
- Red (95%)
- Green (91%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.6261, 0.3125, 0.3190 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 83.6261, 0.3125, 0.3190 by changing the saturation by 10% instead.

 83.6261, 0.3125,
0.3190

 83.6261, 0.3125,
0.3190


507.0708, 0.3126,
0.3235

 62.7068, 0.3125,
0.3180


138.4520, 0.3125,
0.3205

 45.6040, 0.3124,
0.3168


173.1274, 0.3126,
0.3211

 31.9335, 0.3124,
0.3153


213.1570, 0.3126,
0.3217

 21.3107, 0.3123,
0.3133

258.9251, 0.3126,
0.3221

 13.3513, 0.3122,
0.3108

310.8161, 0.3126,
0.3225

 7.6709, 0.3121,
0.3072

369.2145, 0.3126,

 3.8851, 0.3118,

0.3229

0.3018

434.5046, 0.3126,
0.3232

■ 1.6095, 0.3113,
0.2931

■ 0.3640, 0.3114,
0.2451

■ 83.6261, 0.3125,
0.3190

■ 83.6261, 0.3125,
0.3190

■ 70.3677, 0.3118,
0.2939

■ 97.3038, 0.3131,
0.3408

■ 58.9291, 0.3108,
0.2681

■ 97.7532, 0.3146,
0.3407

■ 49.2316, 0.3096,
0.2424

■ 98.2085, 0.3162,
0.3407

■ 41.1867, 0.3080,
0.2178

■ 98.6699, 0.3177,
0.3406

■ 34.6981, 0.3061,
0.1953

■ 99.1374, 0.3193,
0.3405

■ 29.6595, 0.3039,
0.1758

■ 99.2500, 0.3197,
0.3405

■ 25.9514, 0.3015,
0.1602

■ 23.4350, 0.2990,
0.1490

■ 21.9409, 0.2964,
0.1422

Harmonies

Analogous

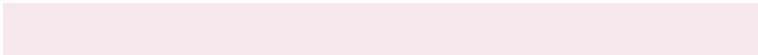
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6261, 0.3057, 0.3171



83.6261, 0.3125, 0.3190



83.6261, 0.3194, 0.3235

Triad

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



83.6261, 0.3125, 0.3190



83.6261, 0.3247, 0.3397



83.6261, 0.3011, 0.3284

Complementary

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



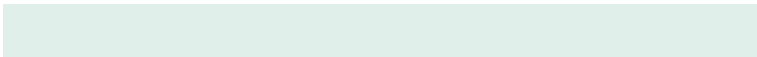
83.6261, 0.3125, 0.3190



87.4743, 0.3129, 0.3392

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.



83.6261, 0.3060, 0.3346



83.6261, 0.3125, 0.3190



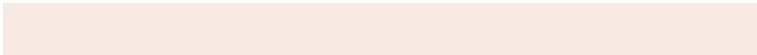
83.6261, 0.3197, 0.3412

Square

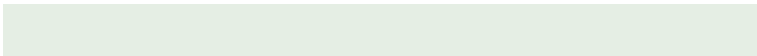
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.6261, 0.3125, 0.3190



83.6261, 0.3265, 0.3354



83.6261, 0.3128, 0.3393



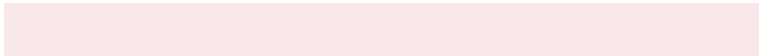
83.6261, 0.2992, 0.3224

Rectangle

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



83.6261, 0.3125, 0.3190



83.6261, 0.3231, 0.3274



83.6261, 0.3128, 0.3393



83.6261, 0.3024, 0.3305

Sweetspot

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



83.6297, 0.3125, 0.3190



98.3343, 0.3127, 0.3266



82.7465, 0.3065, 0.3200



21.0651, 0.3127, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

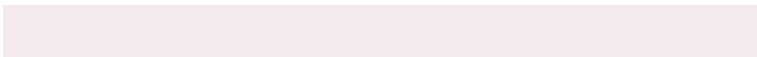
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6297, 0.3125, 0.3190



91.8863, 0.3124, 0.3168



83.5824, 0.3156, 0.3228



17.8012, 0.3124, 0.3151



11.7762, 0.2952, 0.1400



1.0594, 0.2987, 0.1419

Inverse Universe

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



83.2836, 0.3188, 0.3280



91.4179, 0.3203, 0.3278



87.5227, 0.3100, 0.3352



17.6976, 0.3214, 0.3276



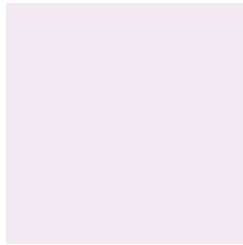
10.5051, 0.6282, 0.3234



0.9323, 0.6043, 0.3103

Previews

White Background



This preview shows how the Yxy color 83.6261, 0.3125, 0.3190 looks on a white background.

Color Contrast Check

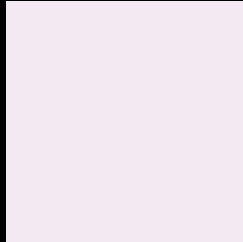
Large Text (above 18pt) WCAG AA × Fail

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 83.6261, 0.3125, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

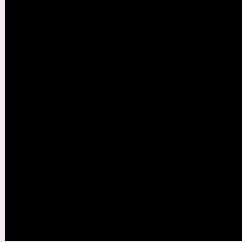
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

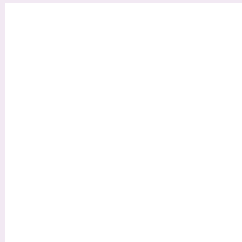
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.6261, 0.3125, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 83.6261, 0.3125, 0.3190.

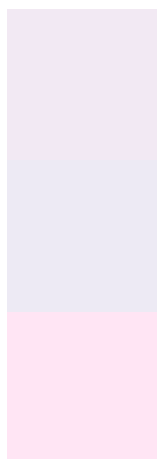


This preview shows how white text looks on a background with the Yxy color 83.6261, 0.3125, 0.3190.

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

83.6261, 0.3125, 0.3190

Protanopia

83.3818, 0.3085, 0.3189

Deuteranopia

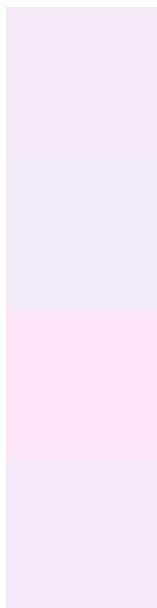
83.8303, 0.3209, 0.3144



Tritanopia

83.6700, 0.3089, 0.3111

Trichromacy



Original Color

83.6261, 0.3125, 0.3190

Protanomaly

83.7280, 0.3099, 0.3189

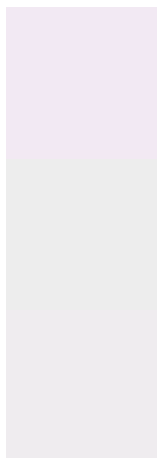
Deuteranomaly

83.4493, 0.3175, 0.3152

Tritanomaly

83.4833, 0.3107, 0.3140

Monochromacy



Original Color

83.6261, 0.3125, 0.3190

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.5736, 0.3129, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.6261, 0.3125, 0.3190 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, 233, 243)` looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 243)  
}
```

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, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 243) }
```

Border

The CSS property to change the border of an element to Yxy 83.6261, 0.3125, 0.3190 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, 233, 243) }
```

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

```
.border{ border-color:rgb(242, 233, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 233, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(242, 233,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 83.6261, 0.3125, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 233, 243) }
```

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

```
.background{ background-color: rgb(242,  
233, 243) }
```

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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