

Converting Colors

$Yxy(85.7965, 0.3136, 0.3250)$

Have a look what the booklet for
Yxy(85.7965, 0.3136, 0.3250)
contains.

Yxy(85.7965, 0.3136, 0.3250)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(85.7965, 0.3136, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	F2EDF1
RGB	242, 237, 241
RGB Percent	95%, 93%, 95%
CMY	0.0508, 0.0706, 0.0549
CMYK	0.00, 0.02, 0.00, 0.05
HSL	312°, 16%, 94%
HSV	312°, 2%, 95%
XYZ	82.7870, 85.7965, 95.4057
YIQ	238.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

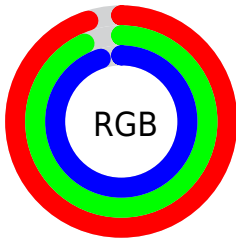
Format	Color
R _Y B	242, 237, 241
Decimal	15920625
CIE Lab	94.23, 2.40, -1.34
CIE LCh	94, 2.745, 330.810
Yxy	85.7965, 0.3136, 0.3250
Android (android.graphics.Color)	4294110705 (0xFFF2EDF1)
YUV	238.9510, 1.0102, 2.6740
Hunter-Lab	92.6264, -2.5576, 3.7694

Details

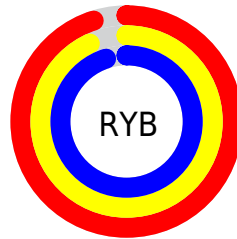
The Yxy color **85.7965, 0.3136, 0.3250** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.7065, 0.3118, 0.3330**, and the grayscale version is **86.2729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9896, 0.3138, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **72.4212, 0.3183, 0.3053**, and if you desaturate by 10%, it is **97.0595, 0.3098, 0.3378**.

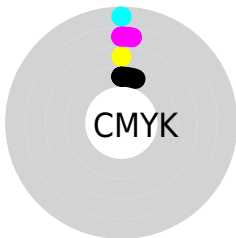
Distribution



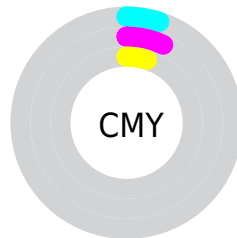
- Red (95%)
- Green (93%)
- Blue (95%)



- Red (95%)
- Yellow (93%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)




- Cyan (5%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.7965, 0.3136, 0.3250 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 85.7965, 0.3136, 0.3250 by changing the saturation by 10% instead.


 85.7965, 0.3136,
0.3250

 85.7965, 0.3136,
0.3250

514.2600, 0.3132,
0.3268

 64.4997, 0.3137,
0.3246

141.4855, 0.3135,
0.3256

 47.0555, 0.3138,
0.3241

176.6464, 0.3134,
0.3259

 33.0796, 0.3139,
0.3235


217.1976, 0.3134,
0.3261

 22.1874, 0.3141,
0.3227

263.5233, 0.3133,
0.3263

 13.9947, 0.3143,
0.3217

316.0080, 0.3133,
0.3264

 8.1170, 0.3146,
0.3203

375.0361, 0.3133,

 4.1699, 0.3151,

0.3266

0.3181

440.9920, 0.3132,
0.3267

■ 1.7690, 0.3158,
0.3146

■ 0.4678, 0.3197,
0.2972

■ 85.7965, 0.3136,
0.3250

■ 85.7965, 0.3136,
0.3250

■ 72.4212, 0.3183,
0.3053

■ 97.0595, 0.3098,
0.3378

■ 60.8668, 0.3237,
0.2849

■ 97.3732, 0.3070,
0.3328

■ 51.0567, 0.3298,
0.2644

■ 97.6240, 0.3048,
0.3290

■ 42.9046, 0.3367,
0.2446

■ 36.3167, 0.3442,
0.2263

■ 31.1899, 0.3522,
0.2106

■ 27.4088, 0.3605,
0.1985

■ 24.8403, 0.3688,
0.1908

■ 23.3243, 0.3769,
0.1879

Harmonies

Analogous

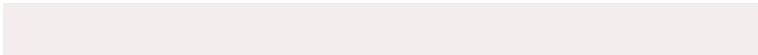
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7965, 0.3105, 0.3238



85.7965, 0.3136, 0.3250



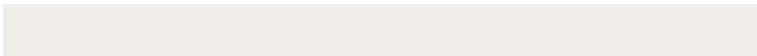
85.7965, 0.3165, 0.3273

Triad

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



85.7965, 0.3136, 0.3250



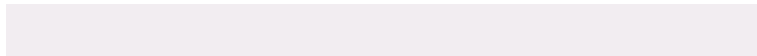
85.7965, 0.3175, 0.3342



85.7965, 0.3071, 0.3279

Complementary

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



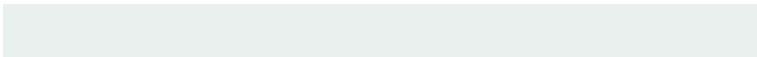
85.7965, 0.3136, 0.3250



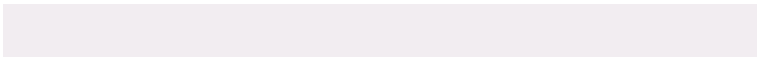
87.7065, 0.3118, 0.3330

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.



85.7965, 0.3089, 0.3307



85.7965, 0.3136, 0.3250



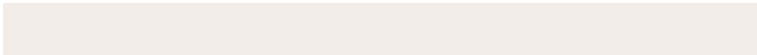
85.7965, 0.3150, 0.3344

Square

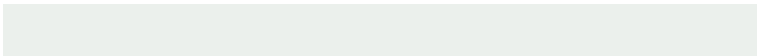
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7965, 0.3136, 0.3250



85.7965, 0.3188, 0.3326



85.7965, 0.3118, 0.3331



85.7965, 0.3067, 0.3254

Rectangle

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



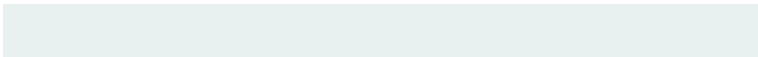
85.7965, 0.3136, 0.3250



85.7965, 0.3179, 0.3292



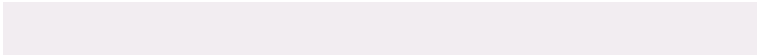
85.7965, 0.3118, 0.3331



85.7965, 0.3075, 0.3289

Sweetspot

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



85.8002, 0.3136, 0.3250



98.3496, 0.3131, 0.3271



85.1570, 0.3103, 0.3239



21.0683, 0.3131, 0.3272



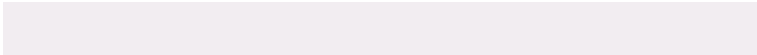
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

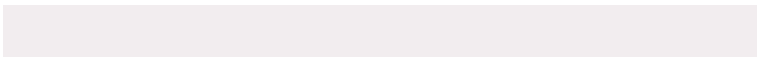
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8002, 0.3136, 0.3250



96.7209, 0.3136, 0.3252



85.6530, 0.3151, 0.3275



18.1511, 0.3135, 0.3254



12.1970, 0.3817, 0.1877



1.0287, 0.3722, 0.1824

Inverse Universe

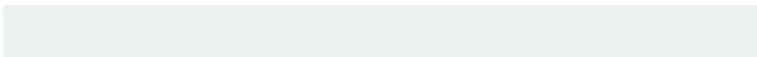
The Inverse Universe completely reimagines the original color for something new.



85.8002, 0.3136, 0.3250



96.7209, 0.3136, 0.3252



87.8533, 0.3104, 0.3305



18.1511, 0.3135, 0.3254



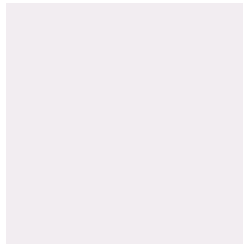
12.1970, 0.3817, 0.1877



1.0287, 0.3722, 0.1824

Previews

White Background



This preview shows how the Yxy color 85.7965, 0.3136, 0.3250 looks on a white background.

Color Contrast Check

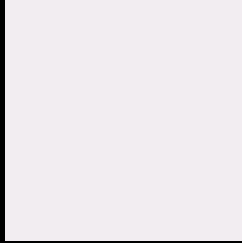
Large Text (above 18pt) WCAG AA × Fail

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 85.7965, 0.3136, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

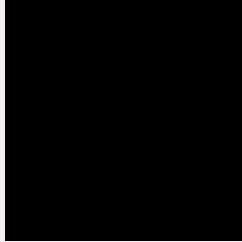
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

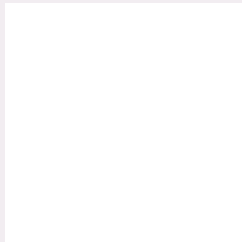
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.7965, 0.3136, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 85.7965, 0.3136, 0.3250.

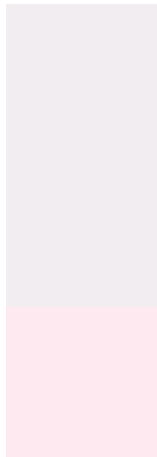


This preview shows how white text looks on a background with the Yxy color 85.7965, 0.3136, 0.3250.

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

85.7965, 0.3136, 0.3250

Protanopia

85.7965, 0.3136, 0.3250

Deuteranopia

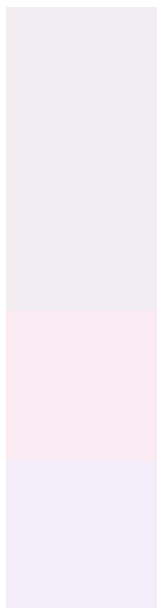
85.8887, 0.3226, 0.3212



Tritanopia

85.8055, 0.3070, 0.3103

Trichromacy



Original Color

85.7965, 0.3136, 0.3250

Protanomaly

85.7965, 0.3136, 0.3250

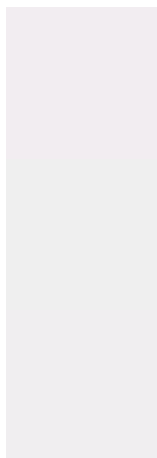
Deuteranomaly

85.5205, 0.3191, 0.3221

Tritanomaly

85.8851, 0.3094, 0.3161

Monochromacy



Original Color

85.7965, 0.3136, 0.3250

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.9656, 0.3128, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7965, 0.3136, 0.3250 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, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(242, 237, 241)  
}
```

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, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 237, 241) }
```

Border

The CSS property to change the border of an element to Yxy 85.7965, 0.3136, 0.3250 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, 237, 241) }
```

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

```
.border{ border-color:rgb(242, 237, 241) }
```

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

Here you see how a box with a 4 pixel rgb(242, 237, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 237,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7965, 0.3136, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 237, 241) }
```

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

```
.background{ background-color: rgb(242,  
237, 241) }
```

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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