

Converting Colors

Yxy(85.9624, 0.3179, 0.3313)

Have a look what the booklet for
Yxy(85.9624, 0.3179, 0.3313)
contains.

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Color

Yxy(86.2019, 0.3179, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	F3EEEE
RGB	243, 238, 235
RGB Percent	95%, 93%, 92%
CMY	0.0470, 0.0667, 0.0783
CMYK	0.00, 0.02, 0.03, 0.05
HSL	22°, 25%, 94%
HSV	22°, 3%, 95%
XYZ	82.5409, 86.2019, 90.9015
YIQ	239.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

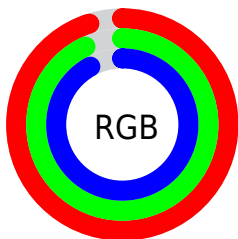
Format	Color
R _Y B	243, 240, 235
Decimal	15986411
CIE Lab	94.40, 1.18, 2.02
CIE LCh	94, 2.338, 59.817
Yxy	86.2019, 0.3179, 0.3320
Android (android.graphics.Color)	4294176491 (0xFFFF3EEEB)
YUV	239.1530, -2.0474, 3.3738
Hunter-Lab	92.8450, -3.7889, 6.9426

Details

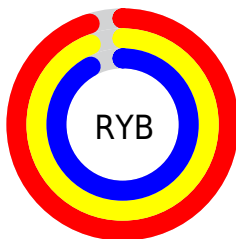
The Yxy color **86.2019, 0.3179, 0.3320** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.4902, 0.3076, 0.3260**, and the grayscale version is **86.4616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2754, 0.3194, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **76.3752, 0.3354, 0.3415**, and if you desaturate by 10%, it is **96.7008, 0.3054, 0.3273**.

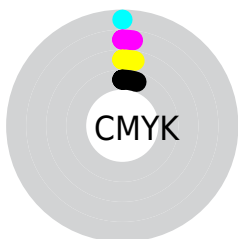
Distribution



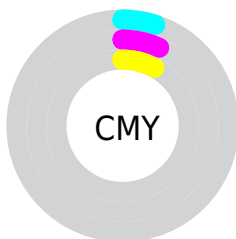
- Red (95%)
- Green (93%)
- Blue (92%)



- Red (95%)
- Yellow (94%)
- Blue (92%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.2019, 0.3179, 0.3320 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 86.2019, 0.3179, 0.3320 by changing the saturation by 10% instead.

86.2019, 0.3179,
0.3320

86.2019, 0.3179,
0.3320

515.5967, 0.3156,
0.3307

64.8349, 0.3184,
0.3323

142.0512, 0.3171,
0.3315

47.3273, 0.3190,
0.3327

177.3023, 0.3168,
0.3314

33.2944, 0.3198,
0.3331

217.9503, 0.3165,
0.3312

22.3521, 0.3209,
0.3337

264.3795, 0.3163,
0.3311

14.1158, 0.3222,
0.3344

316.9744, 0.3161,
0.3310

8.2013, 0.3241,
0.3355

376.1193, 0.3159,

4.2240, 0.3269,

0.3308

0.3371

442.1986, 0.3157,
0.3308

■ 1.7996, 0.3316,
0.3397

■ 0.4870, 0.3595,
0.3561

■ 86.2019, 0.3179,
0.3320

■ 86.2019, 0.3179,
0.3320

■ 76.3752, 0.3354,
0.3415

■ 96.7008, 0.3054,
0.3273

■ 67.4650, 0.3560,
0.3516

■ 97.7994, 0.3054,
0.3290

■ 59.4473, 0.3798,
0.3619

■ 52.2931, 0.4072,
0.3720

■ 45.9716, 0.4379,
0.3810

■ 40.4499, 0.4710,
0.3879

■ 35.6928, 0.5050,
0.3914

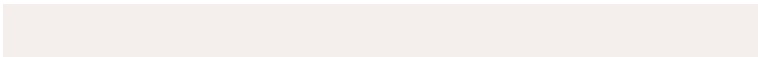
■ 31.6616, 0.5373,
0.3903

■ 28.3134, 0.5650,
0.3839

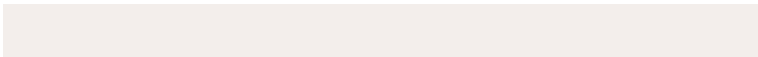
Harmonies

Analogous

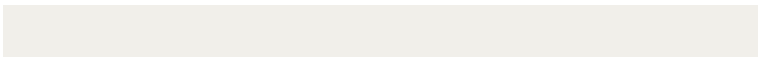
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2019, 0.3175, 0.3299



86.2019, 0.3179, 0.3320



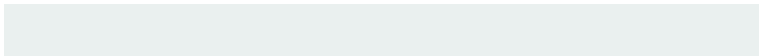
86.2019, 0.3169, 0.3334

Triad

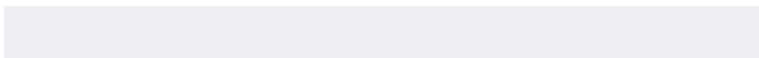
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2019, 0.3179, 0.3320



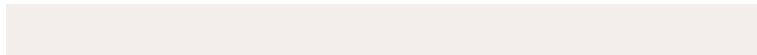
86.2019, 0.3096, 0.3306



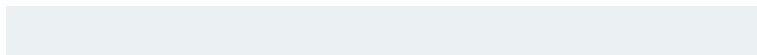
86.2019, 0.3107, 0.3245

Complementary

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



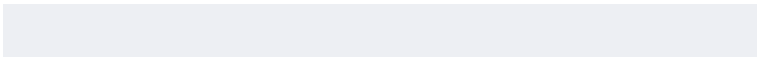
86.2019, 0.3179, 0.3320



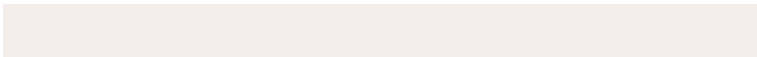
86.4902, 0.3076, 0.3260

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.



86.2019, 0.3086, 0.3247



86.2019, 0.3179, 0.3320



86.2019, 0.3079, 0.3282

Square

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



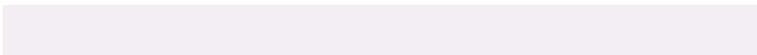
86.2019, 0.3179, 0.3320



86.2019, 0.3121, 0.3325



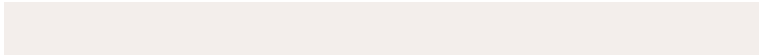
86.2019, 0.3076, 0.3260



86.2019, 0.3134, 0.3255

Rectangle

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



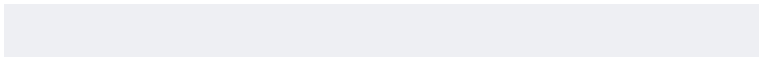
86.2019, 0.3179, 0.3320



86.2019, 0.3155, 0.3336



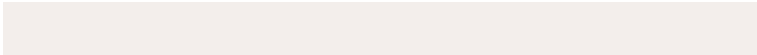
86.2019, 0.3076, 0.3260



86.2019, 0.3099, 0.3244

Sweetspot

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



86.2056, 0.3179, 0.3320



98.8185, 0.3143, 0.3299



84.7858, 0.3149, 0.3239



21.1637, 0.3142, 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.



86.2056, 0.3179, 0.3320



95.3381, 0.3191, 0.3327



88.5389, 0.3176, 0.3360



18.5219, 0.3203, 0.3334



14.7330, 0.5777, 0.3795



1.4849, 0.5541, 0.3983

Inverse Universe

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



86.4902, 0.3076, 0.3260



95.7226, 0.3065, 0.3253



84.1814, 0.3078, 0.3219



18.6107, 0.3054, 0.3246



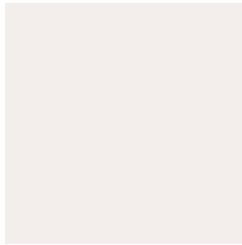
16.2734, 0.1896, 0.2024



1.6267, 0.1945, 0.2200

Previews

White Background



This preview shows how the Yxy color 86.2019, 0.3179, 0.3320 looks on a white background.

Color Contrast Check

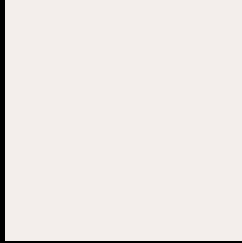
Large Text (above 18pt) WCAG AA × Fail

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 86.2019, 0.3179, 0.3320 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

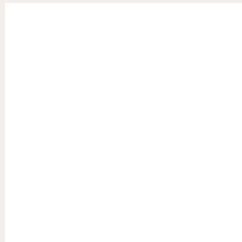
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.2019, 0.3179, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 86.2019, 0.3179, 0.3320.

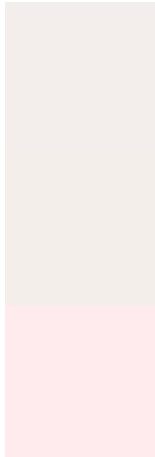


This preview shows how white text looks on a background with the Yxy color 86.2019, 0.3179, 0.3320.

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

86.2019, 0.3179, 0.3320

Protanopia

86.3803, 0.3186, 0.3320

Deuteranopia

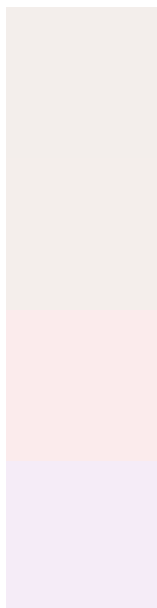
86.2201, 0.3251, 0.3261



Tritanopia

86.1652, 0.3083, 0.3103

Trichromacy



Original Color

86.2019, 0.3179, 0.3320

Protanomaly

86.3803, 0.3186, 0.3320

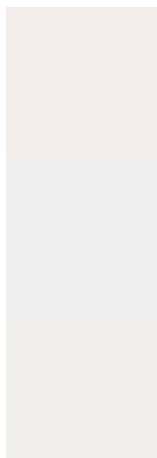
Deuteranomaly

85.9820, 0.3229, 0.3280

Tritanomaly

86.1188, 0.3119, 0.3181

Monochromacy



Original Color

86.2019, 0.3179, 0.3320

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.4313, 0.3140, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2019, 0.3179, 0.3320 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(243, 238, 235)` looks like.

```
.text, #text, p{  
    color:rgb(243, 238, 235)  
}
```

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(243, 238, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 238, 235) }
```

Border

The CSS property to change the border of an element to Yxy 86.2019, 0.3179, 0.3320 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(243, 238, 235) }
```

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

```
.border{ border-color:rgb(243, 238, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 238, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 238, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 238, 235);  
box-shadow:4px 4px 4px 4px rgb(243, 238,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2019, 0.3179, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 238, 235) }
```

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

```
.background{ background-color: rgb(243,  
238, 235) }
```

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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