

Converting Colors

$Yxy(86.5191, 0.3158, 0.3317)$

Have a look what the booklet for
Yxy(86.5191, 0.3158, 0.3317)
contains.

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Color

Yxy(86.4899, 0.3159, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	F1EFEC
RGB	241, 239, 236
RGB Percent	95%, 94%, 93%
CMY	0.0547, 0.0628, 0.0744
CMYK	0.00, 0.01, 0.02, 0.05
HSL	35°, 15%, 94%
HSV	35°, 2%, 95%
XYZ	82.2957, 86.4899, 91.7262
YIQ	239.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

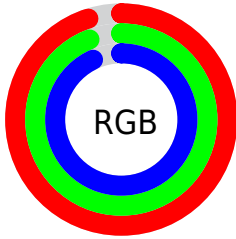
Format	Color
R _Y B	239, 241, 236
Decimal	15855596
CIE Lab	94.52, 0.17, 1.66
CIE LCh	95, 1.674, 84.066
Yxy	86.4899, 0.3159, 0.3320
Android (android.graphics.Color)	4294045676 (0xFF1EFEC)
YUV	239.2560, -1.6052, 1.5295
Hunter-Lab	92.9999, -4.7952, 6.6220

Details

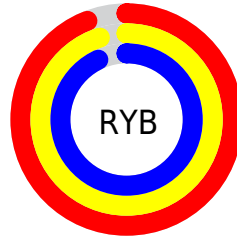
The Yxy color **86.4899, 0.3159, 0.3320** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.3815, 0.3096, 0.3260**, and the grayscale version is **86.5454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4765, 0.3168, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **79.5725, 0.3323, 0.3469**, and if you desaturate by 10%, it is **93.5840, 0.3043, 0.3230**.

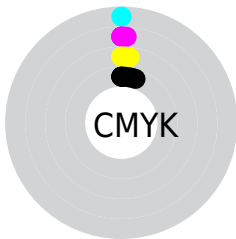
Distribution



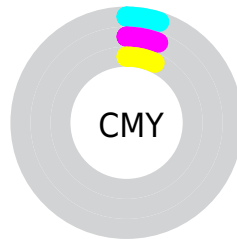
- Red (95%)
- Green (94%)
- Blue (93%)



- Red (94%)
- Yellow (95%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.4899, 0.3159, 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 86.4899, 0.3159, 0.3320 by changing the saturation by 10% instead.

86.4899, 0.3159,
0.3320

86.4899, 0.3159,
0.3320

516.5452, 0.3145,
0.3307

65.0732, 0.3162,
0.3323

142.4529, 0.3154,
0.3315

47.5204, 0.3166,
0.3327

177.7680, 0.3152,
0.3314

33.4472, 0.3171,
0.3331

218.4847, 0.3151,
0.3312

22.4693, 0.3177,
0.3337

264.9873, 0.3149,
0.3311

14.2021, 0.3185,
0.3345

317.6602, 0.3148,
0.3310

8.2614, 0.3197,
0.3355

376.8879, 0.3147,

4.2627, 0.3214,

0.3308

0.3371

443.0548, 0.3146,
0.3308

■ 1.8215, 0.3242,
0.3398

■ 0.5005, 0.3406,
0.3552

■ 86.4899, 0.3159,
0.3320

■ 86.4899, 0.3159,
0.3320

■ 79.5725, 0.3323,
0.3469

■ 93.5840, 0.3043,
0.3230

■ 73.1426, 0.3507,
0.3625

■ 97.4489, 0.3042,
0.3290

■ 67.1908, 0.3710,
0.3785

■ 61.7031, 0.3931,
0.3941

■ 56.6651, 0.4165,
0.4086

■ 52.0607, 0.4405,
0.4208

■ 47.8729, 0.4639,
0.4296

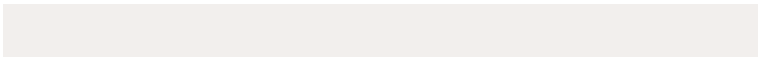
■ 44.0825, 0.4854,
0.4338

■ 40.6674, 0.5039,
0.4326

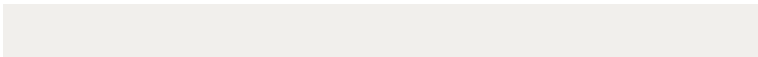
Harmonies

Analogous

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



86.4899, 0.3165, 0.3309



86.4899, 0.3159, 0.3320



86.4899, 0.3145, 0.3323

Triad

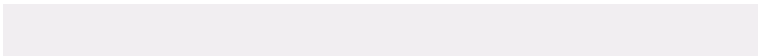
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4899, 0.3159, 0.3320



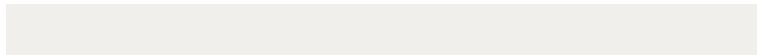
86.4899, 0.3095, 0.3287



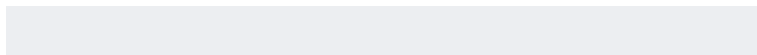
86.4899, 0.3128, 0.3263

Complementary

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



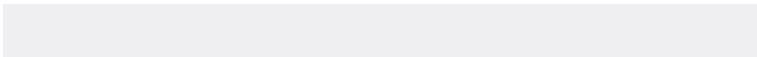
86.4899, 0.3159, 0.3320



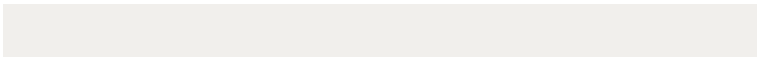
85.3815, 0.3096, 0.3260

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.



86.4899, 0.3110, 0.3258



86.4899, 0.3159, 0.3320



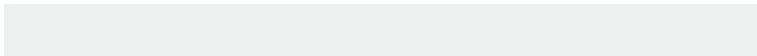
86.4899, 0.3090, 0.3271

Square

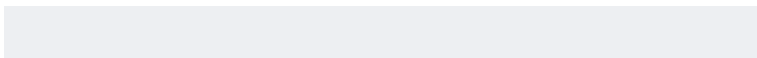
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



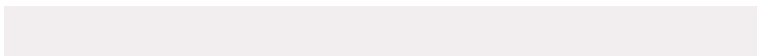
86.4899, 0.3159, 0.3320



86.4899, 0.3108, 0.3304



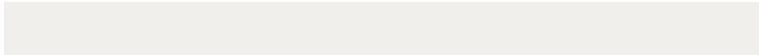
86.4899, 0.3096, 0.3260



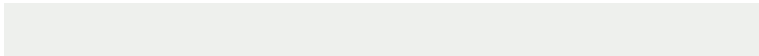
86.4899, 0.3147, 0.3276

Rectangle

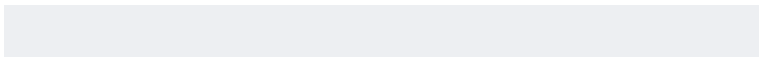
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



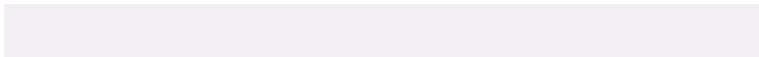
86.4899, 0.3159, 0.3320



86.4899, 0.3133, 0.3320



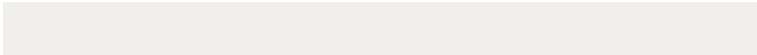
86.4899, 0.3096, 0.3260



86.4899, 0.3122, 0.3260

Sweetspot

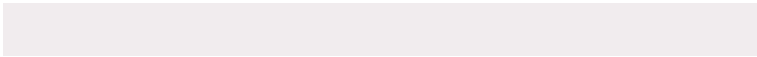
The Sweet Spot groups the original color and five complimentary colors.



86.4936, 0.3159, 0.3320



99.1736, 0.3142, 0.3304



84.8899, 0.3148, 0.3269



21.2360, 0.3142, 0.3304



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.



86.4936, 0.3159, 0.3320



97.5380, 0.3173, 0.3333



87.6303, 0.3155, 0.3341



18.1525, 0.3186, 0.3345



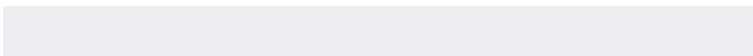
20.9819, 0.5142, 0.4299



1.9407, 0.4983, 0.4426

Inverse Universe

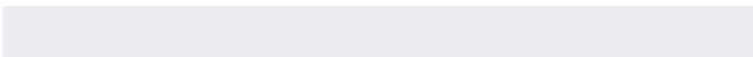
The Inverse Universe completely reimagines the original color for something new.



85.3815, 0.3096, 0.3260



95.7260, 0.3081, 0.3246



84.2628, 0.3099, 0.3239



17.7273, 0.3069, 0.3235



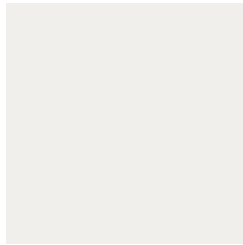
8.4833, 0.1692, 0.1289



0.8966, 0.1764, 0.1548

Previews

White Background



This preview shows how the Yxy color 86.4899, 0.3159, 0.3320 looks on a white background.

Color Contrast Check

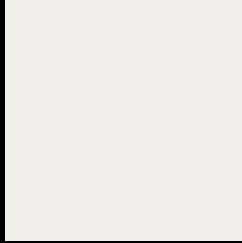
Large Text (above 18pt) WCAG AA × Fail

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 86.4899, 0.3159, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

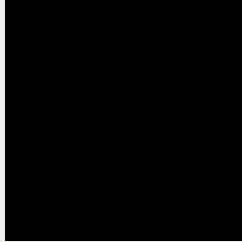
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

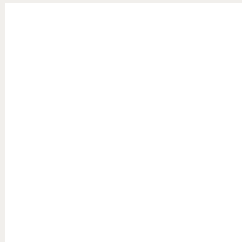
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4899, 0.3159, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 86.4899, 0.3159, 0.3320.

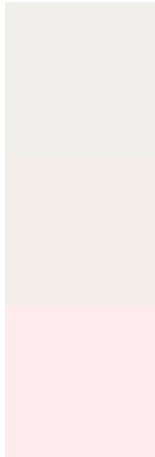


This preview shows how white text looks on a background with the Yxy color 86.4899, 0.3159, 0.3320.

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

86.4899, 0.3159, 0.3320

Protanopia

86.3803, 0.3186, 0.3320

Deuteranopia

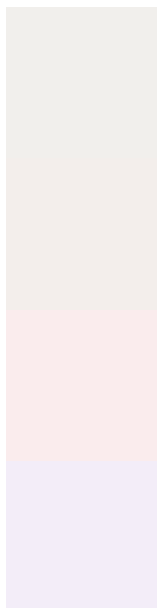
86.2787, 0.3244, 0.3251



Tritanopia

86.4440, 0.3064, 0.3103

Trichromacy



Original Color

86.4899, 0.3159, 0.3320

Protanomaly

86.2019, 0.3179, 0.3320

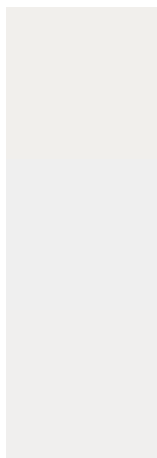
Deuteranomaly

86.4293, 0.3215, 0.3280

Tritanomaly

86.4004, 0.3099, 0.3181

Monochromacy



Original Color

86.4899, 0.3159, 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 86.4899, 0.3159, 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(241, 239, 236)` looks like.

```
.text, #text, p{  
    color:rgb(241, 239, 236)  
}
```

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(241, 239, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 239, 236) }
```

Border

The CSS property to change the border of an element to Yxy 86.4899, 0.3159, 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(241, 239, 236) }
```

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

```
.border{ border-color:rgb(241, 239, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 239, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 239, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 239, 236); box-shadow:4px 4px 4px 4px rgb(241, 239, 236) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4899, 0.3159, 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(241, 239, 236) }
```

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

```
.background{ background-color: rgb(241,  
239, 236) }
```

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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