

Converting Colors

Yxy(84.4561, 0.3125, 0.3255)

Have a look what the booklet for
Yxy(84.4561, 0.3125, 0.3255)
contains.

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Color

Yxy(84.5736, 0.3129, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	EFECEF
RGB	239, 236, 239
RGB Percent	94%, 93%, 94%
CMY	0.0626, 0.0745, 0.0629
CMYK	0.00, 0.01, 0.00, 0.06
HSL	301°, 9%, 93%
HSV	301°, 1%, 94%
XYZ	81.1751, 84.5736, 93.6795
YIQ	237.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

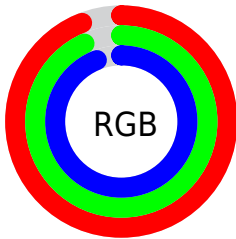
Format	Color
R _Y B	239, 236, 239
Decimal	15723759
CIE Lab	93.70, 1.54, -1.08
CIE LCh	94, 1.887, 324.927
Yxy	84.5736, 0.3129, 0.3260
Android (android.graphics.Color)	4293913839 (0xFFEFECEF)
YUV	237.2390, 0.8682, 1.5444
Hunter-Lab	91.9639, -3.3777, 3.9787

Details

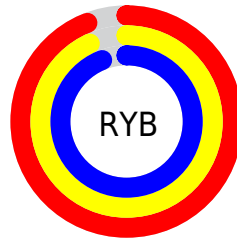
The Yxy color **84.5736, 0.3129, 0.3260** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **85.6439, 0.3125, 0.3320**, and the grayscale version is **84.8783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1287, 0.3129, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **71.6915, 0.3144, 0.3019**, and if you desaturate by 10%, it is **96.1363, 0.3117, 0.3444**.

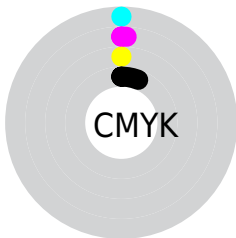
Distribution



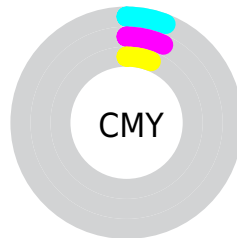
- Red (94%)
- Green (93%)
- Blue (94%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.5736, 0.3129, 0.3260 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 84.5736, 0.3129, 0.3260 by changing the saturation by 10% instead.

84.5736, 0.3129,
0.3260

84.5736, 0.3129,
0.3260

510.2161, 0.3128,
0.3274

63.4891, 0.3129,
0.3257

139.7773, 0.3129,
0.3265

46.2370, 0.3129,
0.3253

174.6653, 0.3129,
0.3266

32.4329, 0.3130,
0.3249

214.9232, 0.3129,
0.3268

21.6924, 0.3130,
0.3243

260.9355, 0.3128,
0.3269

13.6310, 0.3130,
0.3235

313.0865, 0.3128,
0.3271

7.8645, 0.3131,
0.3224

371.7607, 0.3128,

4.0084, 0.3132,

0.3272

437.3424, 0.3128,
0.3273

0.3207

■ 1.6782, 0.3133,
0.3180

■ 0.4095, 0.3143,
0.3015

■ 84.5736, 0.3129,
0.3260

■ 84.5736, 0.3129,
0.3260

■ 71.6915, 0.3144,
0.3019

■ 96.1363, 0.3117,
0.3444

■ 60.5752, 0.3160,
0.2772

■ 96.1667, 0.3114,
0.3439

■ 51.1509, 0.3177,
0.2528

■ 96.1972, 0.3111,
0.3434

■ 43.3355, 0.3193,
0.2294

■ 96.2278, 0.3108,
0.3428

37.0387, 0.3209,
0.2081

96.2584, 0.3105,
0.3423

32.1615, 0.3224,
0.1899

96.2892, 0.3103,
0.3418

28.5932, 0.3238,
0.1754

96.3200, 0.3100,
0.3413

26.2064, 0.3249,
0.1653

96.3509, 0.3097,
0.3408

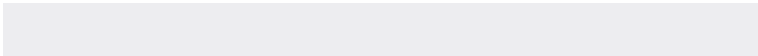
24.8488, 0.3258,
0.1594

96.3819, 0.3094,
0.3403

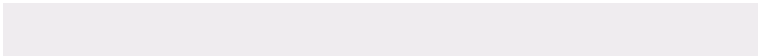
Harmonies

Analogous

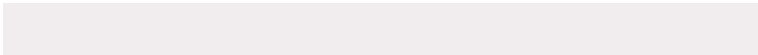
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5736, 0.3108, 0.3253



84.5736, 0.3129, 0.3260



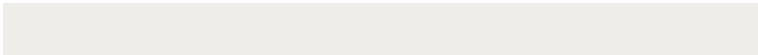
84.5736, 0.3150, 0.3275

Triad

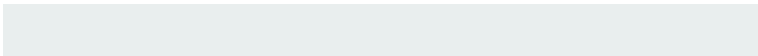
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5736, 0.3129, 0.3260



84.5736, 0.3163, 0.3324



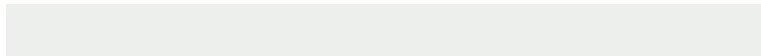
84.5736, 0.3090, 0.3286

Complementary

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



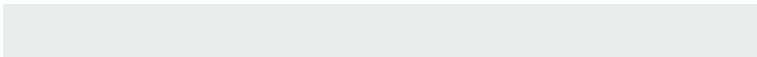
84.5736, 0.3129, 0.3260



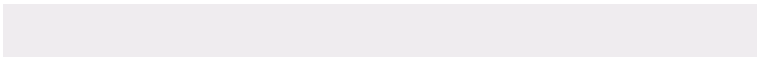
85.6439, 0.3125, 0.3320

Split Complementary

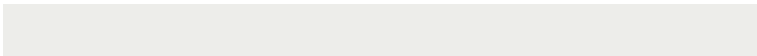
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5736, 0.3105, 0.3306



84.5736, 0.3129, 0.3260



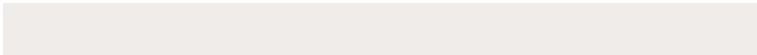
84.5736, 0.3147, 0.3328

Square

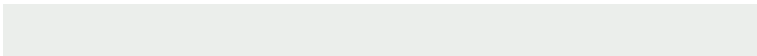
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



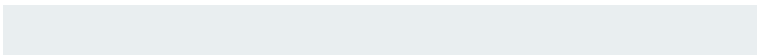
84.5736, 0.3129, 0.3260



84.5736, 0.3170, 0.3312



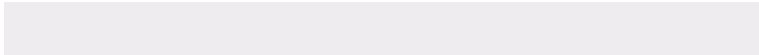
84.5736, 0.3125, 0.3321



84.5736, 0.3085, 0.3268

Rectangle

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



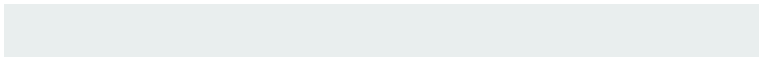
84.5736, 0.3129, 0.3260



84.5736, 0.3161, 0.3287



84.5736, 0.3125, 0.3321



84.5736, 0.3094, 0.3293

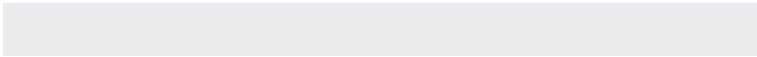
Sweetspot

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



84.5772, 0.3129, 0.3260

100.0000, 0.3127, 0.3290



84.0666, 0.3109, 0.3259



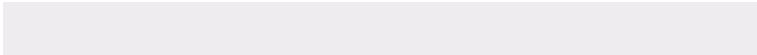
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



84.5772, 0.3129, 0.3260



96.7820, 0.3130, 0.3242



84.4889, 0.3138, 0.3275



18.1619, 0.3130, 0.3245



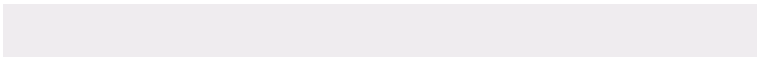
13.4227, 0.3263, 0.1571



1.1185, 0.3256, 0.1567

Inverse Universe

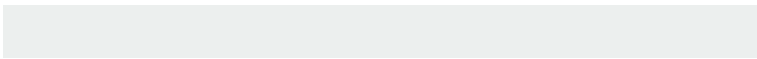
The Inverse Universe completely reimagines the original color for something new.



84.5772, 0.3129, 0.3260



96.7820, 0.3130, 0.3242



85.7315, 0.3116, 0.3305



18.1619, 0.3130, 0.3245



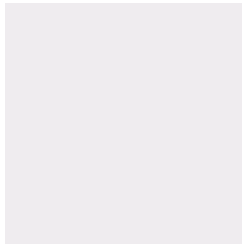
13.4227, 0.3263, 0.1571



1.1185, 0.3256, 0.1567

Previews

White Background



This preview shows how the Yxy color 84.5736, 0.3129, 0.3260 looks on a white background.

Color Contrast Check

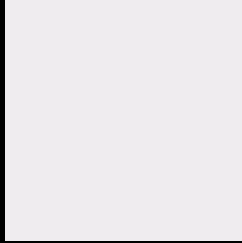
Large Text (above 18pt) WCAG AA × Fail

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 84.5736, 0.3129, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

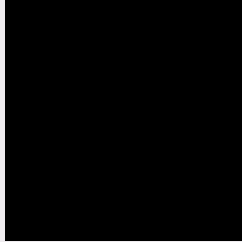
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

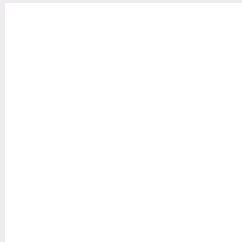
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.5736, 0.3129, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 84.5736, 0.3129, 0.3260.

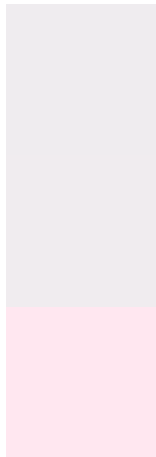


This preview shows how white text looks on a background with the Yxy color 84.5736, 0.3129, 0.3260.

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

84.5736, 0.3129, 0.3260

Protanopia

84.7482, 0.3135, 0.3260

Deuteranopia

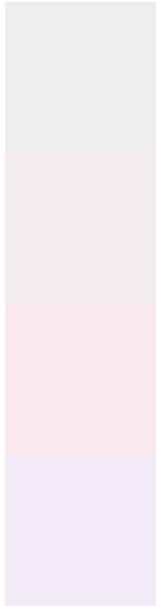
84.7031, 0.3234, 0.3202



Tritanopia

84.5747, 0.3063, 0.3111

Trichromacy



Original Color

84.5736, 0.3129, 0.3260

Protanomaly

84.7482, 0.3135, 0.3260

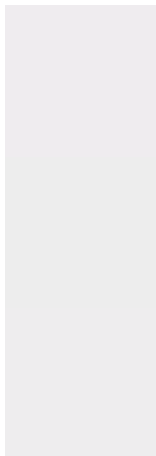
Deuteranomaly

84.7088, 0.3191, 0.3221

Tritanomaly

84.6573, 0.3086, 0.3170

Monochromacy



Original Color

84.5736, 0.3129, 0.3260

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.9186, 0.3128, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5736, 0.3129, 0.3260 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(239, 236, 239) looks like.

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

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

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

Border

The CSS property to change the border of an element to Yxy 84.5736, 0.3129, 0.3260 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(239, 236, 239) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Yxy 84.5736, 0.3129, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 236, 239) }
```

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

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

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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