

Converting Colors

Yxy(86.3589, 0.3147, 0.3339)

Have a look what the booklet for
Yxy(86.3589, 0.3147, 0.3339)
contains.

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Color

Yxy(86.4955, 0.3145, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	EEF0EB
RGB	238, 240, 235
RGB Percent	93%, 94%, 92%
CMY	0.0665, 0.0588, 0.0786
CMYK	0.01, 0.00, 0.02, 0.06
HSL	83°, 14%, 93%
HSV	83°, 2%, 94%
XYZ	81.4212, 86.4955, 90.9743
YIQ	238.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

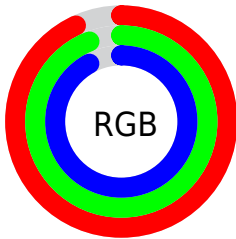
Format	Color
R _Y B	235, 240, 237
Decimal	15659243
CIE Lab	94.52, -1.53, 2.19
CIE LCh	95, 2.669, 125.005
Yxy	86.4955, 0.3145, 0.3341
Android (android.graphics.Color)	4293849323 (0xFFEEF0EB)
YUV	238.8320, -1.8892, -0.7297
Hunter-Lab	93.0030, -6.4839, 7.1053

Details

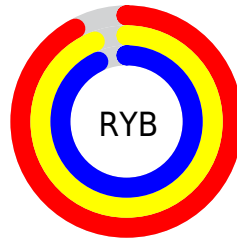
The Yxy color **86.4955, 0.3145, 0.3341** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.6796, 0.3109, 0.3239**, and the grayscale version is **86.1989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4807, 0.3149, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **83.6306, 0.3231, 0.3596**, and if you desaturate by 10%, it is **89.3806, 0.3085, 0.3144**.

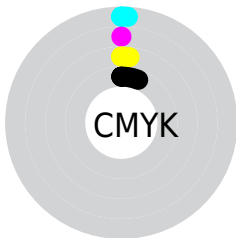
Distribution



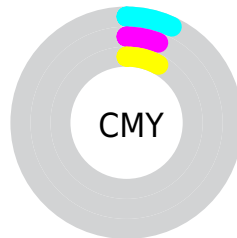
- Red (93%)
- Green (94%)
- Blue (92%)



- Red (92%)
- Yellow (94%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.4955, 0.3145, 0.3341 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 86.4955, 0.3145, 0.3341 by changing the saturation by 10% instead.

86.4955, 0.3145,
0.3341

86.4955, 0.3145,
0.3341

516.5636, 0.3137,
0.3318

65.0778, 0.3147,
0.3346

142.4607, 0.3142,
0.3333

47.5242, 0.3149,
0.3352

177.7771, 0.3141,
0.3330

33.4502, 0.3152,
0.3360

218.4950, 0.3140,
0.3327

22.4716, 0.3155,
0.3370

264.9991, 0.3139,
0.3325

14.2038, 0.3159,
0.3383

317.6736, 0.3139,
0.3323

8.2626, 0.3166,
0.3402

376.9029, 0.3138,

4.2634, 0.3175,

0.3321

0.3430

443.0715, 0.3138,
0.3320

■ 1.8220, 0.3190,
0.3477

■ 0.5008, 0.3293,
0.3760

■ 86.4955, 0.3145,
0.3341

■ 86.4955, 0.3145,
0.3341

■ 83.6306, 0.3231,
0.3596

■ 89.3806, 0.3085,
0.3144

■ 81.0242, 0.3316,
0.3868

■ 90.7987, 0.3134,
0.3146

■ 78.6707, 0.3397,
0.4152

■ 76.5603, 0.3470,
0.4440

■ 74.6825, 0.3529,
0.4721

■ 73.0255, 0.3571,
0.4981

■ 71.5766, 0.3590,
0.5208

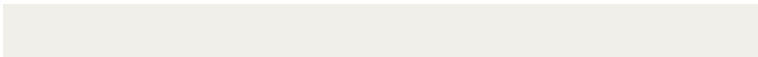
■ 70.3212, 0.3585,
0.5389

■ 69.2420, 0.3555,
0.5518

Harmonies

Analogous

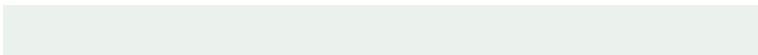
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4955, 0.3171, 0.3341



86.4955, 0.3145, 0.3341



86.4955, 0.3114, 0.3327

Triad

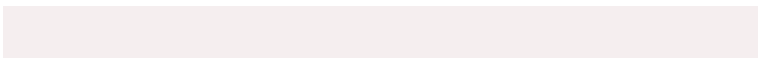
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4955, 0.3145, 0.3341



86.4955, 0.3069, 0.3252



86.4955, 0.3167, 0.3277

Complementary

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



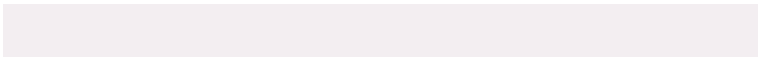
86.4955, 0.3145, 0.3341



83.6796, 0.3109, 0.3239

Split Complementary

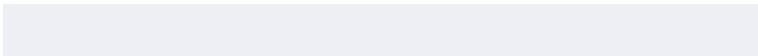
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4955, 0.3140, 0.3254



86.4955, 0.3145, 0.3341



86.4955, 0.3084, 0.3239

Square

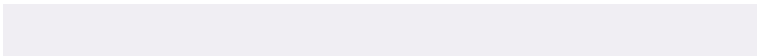
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



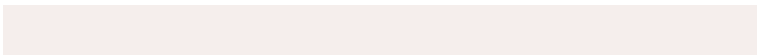
86.4955, 0.3145, 0.3341



86.4955, 0.3071, 0.3276



86.4955, 0.3109, 0.3240



86.4955, 0.3184, 0.3304

Rectangle

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



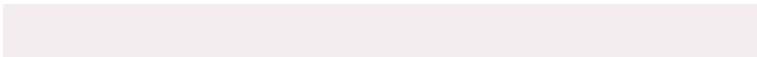
86.4955, 0.3145, 0.3341



86.4955, 0.3095, 0.3312



86.4955, 0.3109, 0.3240



86.4955, 0.3159, 0.3269

Sweetspot

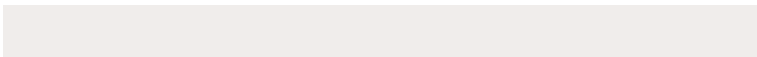
The Sweet Spot groups the original color and five complimentary colors.



86.4992, 0.3145, 0.3341



99.6493, 0.3136, 0.3314



85.0285, 0.3160, 0.3310



21.3328, 0.3135, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

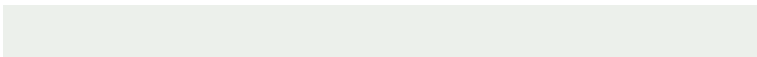
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4992, 0.3145, 0.3341



98.9573, 0.3153, 0.3364



86.0714, 0.3129, 0.3341



18.4866, 0.3159, 0.3383



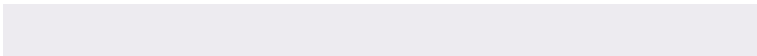
37.5742, 0.3529, 0.5580



3.1831, 0.3616, 0.5511

Inverse Universe

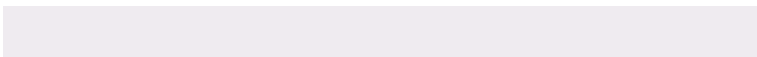
The Inverse Universe completely reimagines the original color for something new.



83.6796, 0.3109, 0.3239



94.3397, 0.3101, 0.3216



84.1107, 0.3126, 0.3239



17.4030, 0.3094, 0.3197



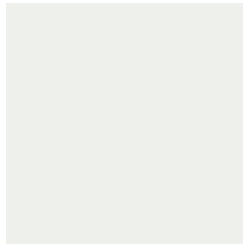
4.7980, 0.1827, 0.0780



0.4549, 0.1973, 0.0861

Previews

White Background



This preview shows how the Yxy color 86.4955, 0.3145, 0.3341 looks on a white background.

Color Contrast Check

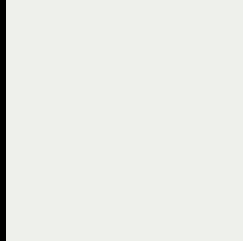
Large Text (above 18pt) WCAG AA × Fail

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 86.4955, 0.3145, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

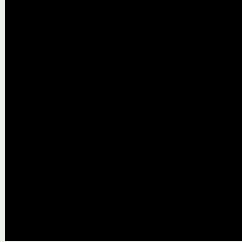
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

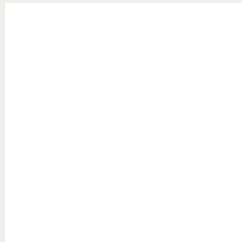
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4955, 0.3145, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 86.4955, 0.3145, 0.3341.

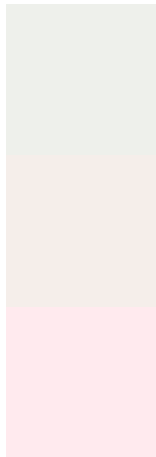


This preview shows how white text looks on a background with the Yxy color 86.4955, 0.3145, 0.3341.

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

86.4955, 0.3145, 0.3341

Protanopia

86.5021, 0.3199, 0.3330

Deuteranopia

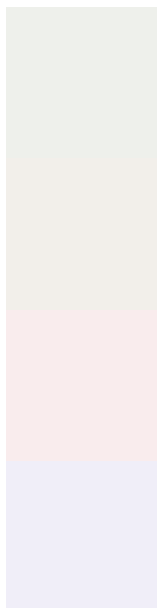
86.2787, 0.3244, 0.3251



Tritanopia

86.4891, 0.3044, 0.3112

Trichromacy



Original Color

86.4955, 0.3145, 0.3341

Protanomaly

86.5508, 0.3178, 0.3341

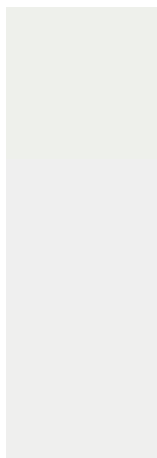
Deuteranomaly

86.2451, 0.3208, 0.3280

Tritanomaly

86.4516, 0.3079, 0.3190

Monochromacy



Original Color

86.4955, 0.3145, 0.3341

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.2568, 0.3133, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4955, 0.3145, 0.3341 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(238, 240, 235)` looks like.

```
.text, #text, p{  
    color:rgb(238, 240, 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(238, 240, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 240, 235) }
```

Border

The CSS property to change the border of an element to Yxy 86.4955, 0.3145, 0.3341 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(238, 240, 235) }
```

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

```
.border{ border-color:rgb(238, 240, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 240, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 240, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 240, 235);  
box-shadow:4px 4px 4px 4px rgb(238, 240,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4955, 0.3145, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 240, 235) }
```

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

```
.background{ background-color: rgb(238,  
240, 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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