

Converting Colors

$Yxy(88.3880, 0.3186, 0.3435)$

Have a look what the booklet for
Yxy(88.3880, 0.3186, 0.3435)
contains.

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Color

Yxy(88.1090, 0.3186, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	EFF3E5
RGB	239, 243, 229
RGB Percent	94%, 95%, 90%
CMY	0.0627, 0.0471, 0.1019
CMYK	0.02, 0.00, 0.06, 0.05
HSL	77°, 37%, 93%
HSV	77°, 6%, 95%
XYZ	81.7935, 88.1090, 86.8254
YIQ	240.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

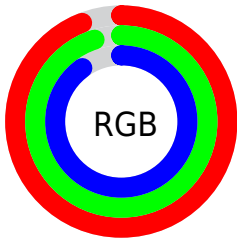
Format	Color
R_{YB}	229, 243, 233
Decimal	15725541
CIE _{Lab}	95.21, -3.75, 6.27
CIE _{LCh}	95, 7.309, 120.891
Yxy	88.1090, 0.3186, 0.3432
Android (android.graphics.Color)	4293915621 (0xFFEFF3E5)
YUV	240.2080, -5.5255, -1.0594
Hunter-Lab	93.8664, -8.7245, 10.8639

Details

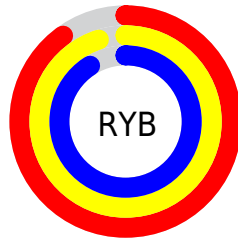
The Yxy color **88.1090, 0.3186, 0.3432** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.8334, 0.3066, 0.3146**, and the grayscale version is **87.3557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6639, 0.3195, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **85.6671, 0.3289, 0.3691**, and if you desaturate by 10%, it is **90.7946, 0.3085, 0.3189**.

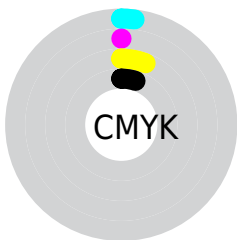
Distribution



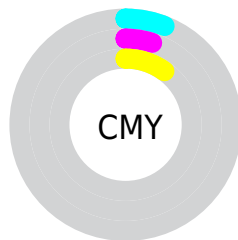
- Red (94%)
- Green (95%)
- Blue (90%)



- Red (90%)
- Yellow (95%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.1090, 0.3186, 0.3432 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 88.1090, 0.3186, 0.3432 by changing the saturation by 10% instead.

88.1090, 0.3186,
0.3432

88.1090, 0.3186,
0.3432

521.8601, 0.3160,
0.3368

66.4133, 0.3192,
0.3446

144.7089, 0.3177,
0.3410

48.6080, 0.3199,
0.3464

180.3819, 0.3174,
0.3402

34.3086, 0.3207,
0.3485

221.4829, 0.3171,
0.3394

23.1308, 0.3218,
0.3513

268.3961, 0.3168,
0.3388

14.6901, 0.3233,
0.3551

321.5061, 0.3166,
0.3382

8.6022, 0.3253,
0.3603

381.1971, 0.3163,

4.4826, 0.3282,

0.3377

0.3681

447.8537, 0.3162,
0.3372

■ 1.9470, 0.3328,
0.3811

■ 0.5764, 0.3734,
0.4718

■ 88.1090, 0.3186,
0.3432

■ 88.1090, 0.3186,
0.3432

■ 85.6671, 0.3289,
0.3691

■ 90.7946, 0.3085,
0.3189

■ 83.4492, 0.3392,
0.3962

■ 92.1780, 0.3119,
0.3175

■ 81.4502, 0.3489,
0.4238

■ 92.5822, 0.3133,
0.3175

■ 79.6605, 0.3576,
0.4510

■ 78.0696, 0.3648,
0.4767

■ 76.6662, 0.3699,
0.4995

■ 75.4373, 0.3727,
0.5185

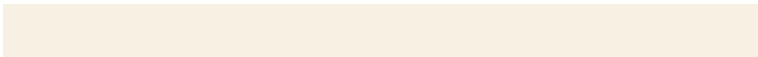
■ 74.3679, 0.3728,
0.5328

■ 73.4396, 0.3705,
0.5422

Harmonies

Analogous

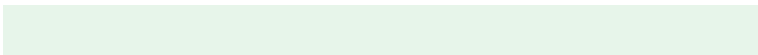
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1090, 0.3254, 0.3426



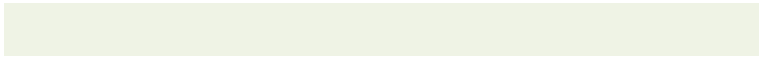
88.1090, 0.3186, 0.3432



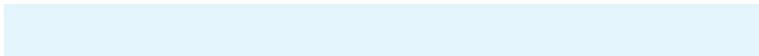
88.1090, 0.3103, 0.3399

Triad

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



88.1090, 0.3186, 0.3432



88.1090, 0.2969, 0.3194



88.1090, 0.3228, 0.3245

Complementary

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



88.1090, 0.3186, 0.3432



79.8334, 0.3066, 0.3146

Split Complementary

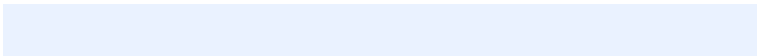
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1090, 0.3150, 0.3185



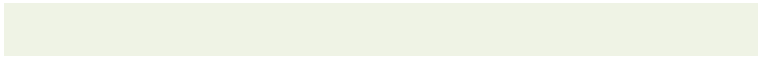
88.1090, 0.3186, 0.3432



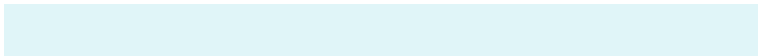
88.1090, 0.3001, 0.3155

Square

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



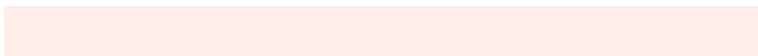
88.1090, 0.3186, 0.3432



88.1090, 0.2978, 0.3260



88.1090, 0.3067, 0.3152



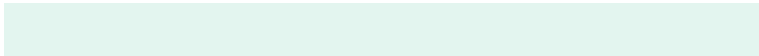
88.1090, 0.3278, 0.3317

Rectangle

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



88.1090, 0.3186, 0.3432



88.1090, 0.3050, 0.3359



88.1090, 0.3067, 0.3152



88.1090, 0.3204, 0.3223

Sweetspot

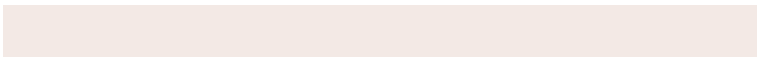
The Sweet Spot groups the original color and five complimentary colors.



88.1128, 0.3186, 0.3432



99.4014, 0.3148, 0.3339



82.9727, 0.3221, 0.3331



21.2823, 0.3147, 0.3336



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.



88.1128, 0.3186, 0.3432



97.9517, 0.3199, 0.3464



86.9214, 0.3140, 0.3434



19.1663, 0.3205, 0.3478



40.1783, 0.3698, 0.5446



3.5832, 0.3762, 0.5395

Inverse Universe

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



79.8334, 0.3066, 0.3146



86.7939, 0.3052, 0.3114



81.0312, 0.3113, 0.3148



16.8099, 0.3046, 0.3099



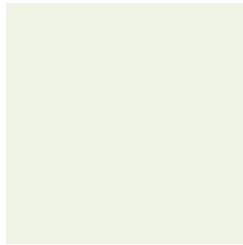
4.3089, 0.1683, 0.0701



0.4286, 0.1812, 0.0772

Previews

White Background



This preview shows how the Yxy color 88.1090, 0.3186, 0.3432 looks on a white background.

Color Contrast Check

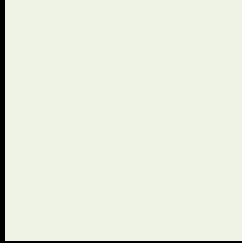
Large Text (above 18pt) WCAG AA × Fail

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 88.1090, 0.3186, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

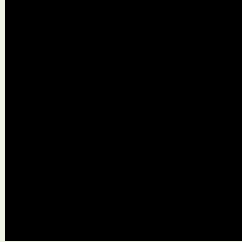
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

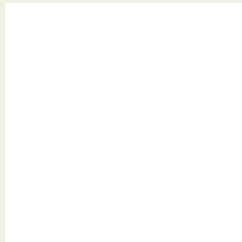
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1090, 0.3186, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 88.1090, 0.3186, 0.3432.

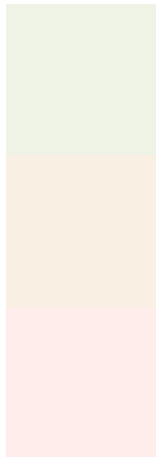


This preview shows how white text looks on a background with the Yxy color 88.1090, 0.3186, 0.3432.

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

88.1090, 0.3186, 0.3432

Protanopia

88.0060, 0.3268, 0.3420

Deuteranopia

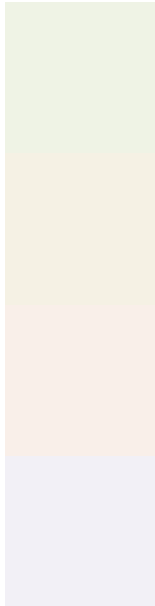
87.8845, 0.3254, 0.3300



Tritanopia

88.0077, 0.3057, 0.3132

Trichromacy



Original Color

88.1090, 0.3186, 0.3432

Protanomaly

87.9245, 0.3234, 0.3421

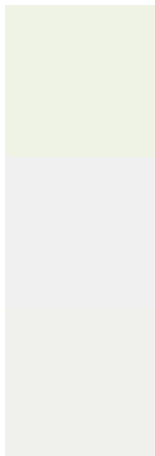
Deuteranomaly

87.7559, 0.3231, 0.3350

Tritanomaly

87.8512, 0.3104, 0.3230

Monochromacy



Original Color

88.1090, 0.3186, 0.3432

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.4920, 0.3151, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1090, 0.3186, 0.3432 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, 243, 229)` looks like.

```
.text, #text, p{  
    color:rgb(239, 243, 229)  
}
```

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, 243, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 243, 229) }
```

Border

The CSS property to change the border of an element to Yxy 88.1090, 0.3186, 0.3432 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, 243, 229) }
```

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

```
.border{ border-color:rgb(239, 243, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 243, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 243, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 243, 229);  
box-shadow:4px 4px 4px 4px rgb(239, 243,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1090, 0.3186, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 243, 229) }
```

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

```
.background{ background-color: rgb(239,  
243, 229) }
```

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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