

Converting Colors

Yxy(84.3030, 0.3106, 0.3321)

Have a look what the booklet for
Yxy(84.3030, 0.3106, 0.3321)
contains.

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Color

Yxy(84.3030, 0.3106, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	E8EEEB
RGB	232, 238, 235
RGB Percent	91%, 93%, 92%
CMY	0.0902, 0.0666, 0.0785
CMYK	0.03, 0.00, 0.01, 0.07
HSL	150°, 15%, 92%
HSV	150°, 3%, 93%
XYZ	78.8453, 84.3030, 90.7000
YIQ	235.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

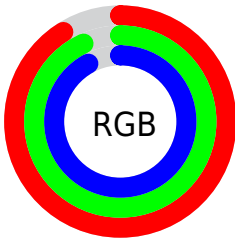
Format	Color
R _Y B	232, 236, 238
Decimal	15265515
CIE Lab	93.58, -2.53, 0.75
CIE LCh	94, 2.642, 163.465
Yxy	84.3030, 0.3106, 0.3321
Android (android.graphics.Color)	4293455595 (0xFFE8EEEB)
YUV	235.8640, -0.4260, -3.3887
Hunter-Lab	91.8167, -7.3968, 5.7028

Details

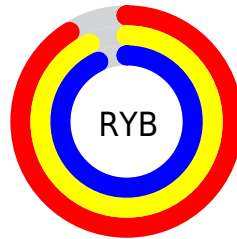
The Yxy color **84.3030, 0.3106, 0.3321** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.8893, 0.3149, 0.3259**, and the grayscale version is **83.7771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.9407, 0.3100, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **79.9206, 0.3023, 0.3453**, and if you desaturate by 10%, it is **89.1271, 0.3184, 0.3203**.

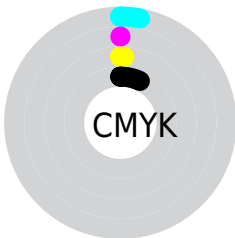
Distribution



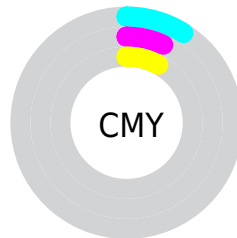
- Red (91%)
- Green (93%)
- Blue (92%)



- Red (91%)
- Yellow (93%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.3030, 0.3106, 0.3321 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 84.3030, 0.3106, 0.3321 by changing the saturation by 10% instead.

■ 84.3030, 0.3106,
0.3321

■ 84.3030, 0.3106,
0.3321

509.3189, 0.3116,
0.3307

■ 63.2656, 0.3104,
0.3324

139.3989, 0.3109,
0.3316

■ 46.0561, 0.3101,
0.3328

174.2263, 0.3111,
0.3314

■ 32.2901, 0.3098,
0.3333

214.4191, 0.3112,
0.3313

■ 21.5832, 0.3094,
0.3339

260.3618, 0.3113,
0.3311

■ 13.5510, 0.3088,
0.3347

312.4387, 0.3114,
0.3310

■ 7.8090, 0.3080,
0.3359

371.0343, 0.3114,

■ 3.9730, 0.3068,

0.3309

0.3376

436.5329, 0.3115,
0.3308

■ 1.6585, 0.3048,
0.3406

■ 0.3965, 0.2888,
0.3635

■ 84.3030, 0.3106,
0.3321

■ 84.3030, 0.3106,
0.3321

■ 79.9206, 0.3023,
0.3453

■ 89.1271, 0.3184,
0.3203

■ 76.0981, 0.2943,
0.3600

■ 89.6342, 0.3135,
0.3127

■ 72.8152, 0.2868,
0.3763

■ 70.0463, 0.2802,
0.3939

■ 67.7636, 0.2749,
0.4127

■ 65.9364, 0.2710,
0.4323

■ 64.5306, 0.2690,
0.4523

■ 63.5070, 0.2690,
0.4720

■ 62.8182, 0.2710,
0.4910

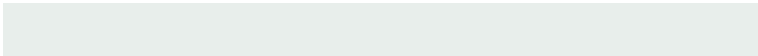
Harmonies

Analogous

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



84.3030, 0.3136, 0.3338



84.3030, 0.3106, 0.3321



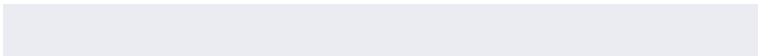
84.3030, 0.3081, 0.3295

Triad

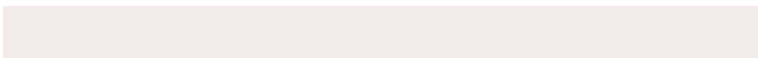
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3030, 0.3106, 0.3321



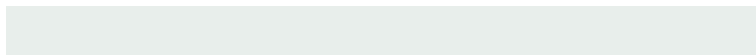
84.3030, 0.3090, 0.3238



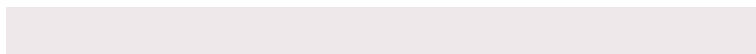
84.3030, 0.3186, 0.3311

Complementary

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



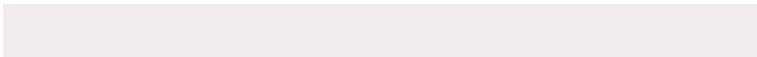
84.3030, 0.3106, 0.3321



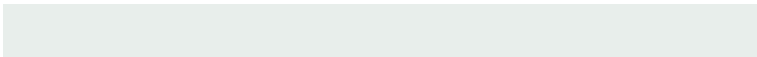
81.8893, 0.3149, 0.3259

Split Complementary

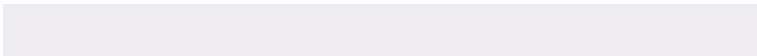
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3030, 0.3173, 0.3285



84.3030, 0.3106, 0.3321



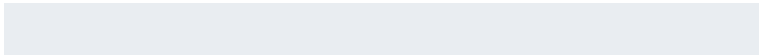
84.3030, 0.3118, 0.3243

Square

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



84.3030, 0.3106, 0.3321



84.3030, 0.3072, 0.3248



84.3030, 0.3148, 0.3260



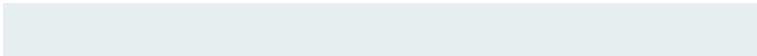
84.3030, 0.3183, 0.3333

Rectangle

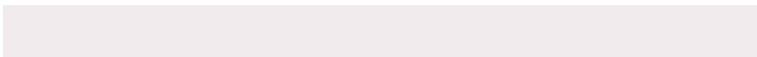
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



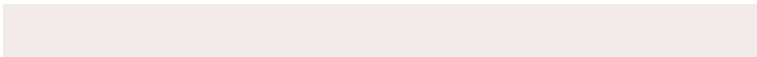
84.3030, 0.3106, 0.3321



84.3030, 0.3071, 0.3277



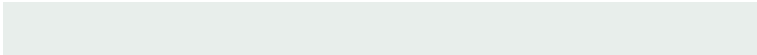
84.3030, 0.3148, 0.3260



84.3030, 0.3183, 0.3303

Sweetspot

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



84.3066, 0.3106, 0.3321



99.4372, 0.3119, 0.3302



84.6599, 0.3145, 0.3352



21.2896, 0.3119, 0.3302



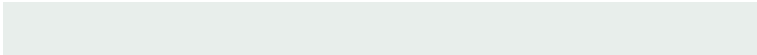
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

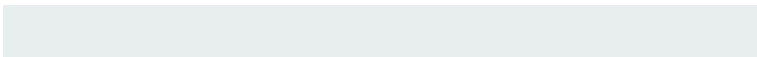
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3066, 0.3106, 0.3321



98.3324, 0.3102, 0.3327



84.4771, 0.3088, 0.3291



18.3402, 0.3095, 0.3337



34.8741, 0.2727, 0.5017



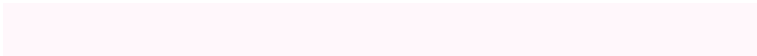
2.9213, 0.2660, 0.4776

Inverse Universe

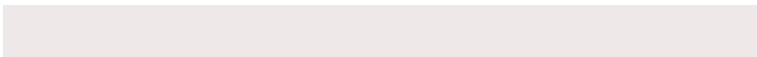
The Inverse Universe completely reimagines the original color for something new.



81.8893, 0.3149, 0.3259



94.9734, 0.3153, 0.3253



81.7215, 0.3167, 0.3289



17.5520, 0.3160, 0.3244



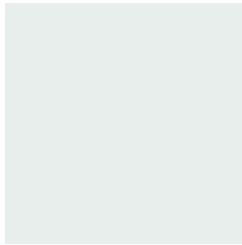
10.9205, 0.4945, 0.2498



0.9286, 0.4654, 0.2338

Previews

White Background



This preview shows how the Yxy color 84.3030, 0.3106, 0.3321 looks on a white background.

Color Contrast Check

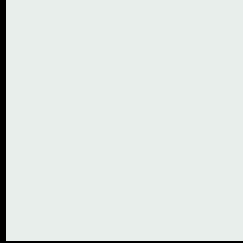
Large Text (above 18pt) WCAG AA × Fail

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 84.3030, 0.3106, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

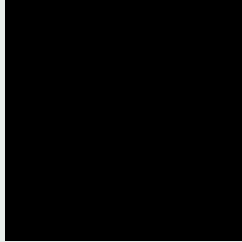
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

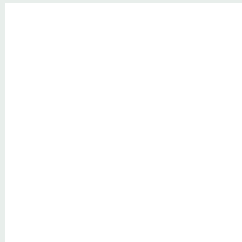
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.3030, 0.3106, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 84.3030, 0.3106, 0.3321.

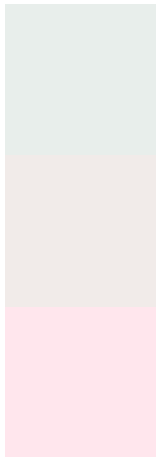


This preview shows how white text looks on a background with the Yxy color 84.3030, 0.3106, 0.3321.

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

84.3030, 0.3106, 0.3321

Protanopia

84.0006, 0.3180, 0.3310

Deuteranopia

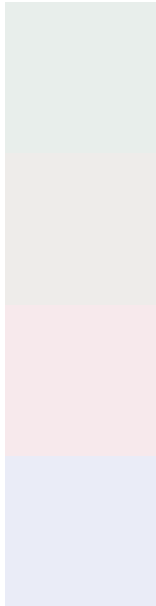
83.9681, 0.3254, 0.3222



Tritanopia

84.2346, 0.3012, 0.3099

Trichromacy



Original Color

84.3030, 0.3106, 0.3321

Protanomaly

84.1086, 0.3153, 0.3310

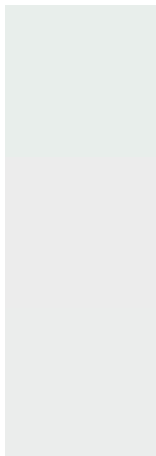
Deuteranomaly

84.1081, 0.3203, 0.3260

Tritanomaly

84.1987, 0.3047, 0.3178

Monochromacy



Original Color

84.3030, 0.3106, 0.3321

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.2867, 0.3120, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3030, 0.3106, 0.3321 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(232, 238, 235)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 238, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 238, 235) }
```

Border

The CSS property to change the border of an element to Yxy 84.3030, 0.3106, 0.3321 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(232, 238, 235) }
```

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

```
.border{ border-color:rgb(232, 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(232, 238, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 238, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 238, 235);  
box-shadow:4px 4px 4px 4px rgb(232, 238,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3030, 0.3106, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 238, 235) }
```

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

```
.background{ background-color: rgb(232,  
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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