

Converting Colors

Yxy(84.6847, 0.3071, 0.3352)

Have a look what the booklet for
Yxy(84.6847, 0.3071, 0.3352)
contains.

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Color

Yxy(84.4294, 0.3072, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	E2F0EA
RGB	226, 240, 234
RGB Percent	89%, 94%, 92%
CMY	0.1137, 0.0588, 0.0823
CMYK	0.06, 0.00, 0.02, 0.06
HSL	154°, 32%, 91%
HSV	154°, 6%, 94%
XYZ	77.3768, 84.4294, 90.0715
YIQ	235.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

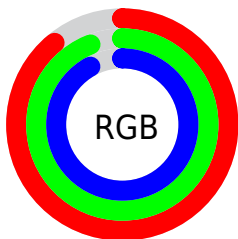
Format	Color
R _Y B	226, 235, 240
Decimal	14872810
CIE Lab	93.64, -5.70, 1.28
CIE LCh	94, 5.846, 167.332
Yxy	84.4294, 0.3072, 0.3352
Android (android.graphics.Color)	4293062890 (0xFFE2F0EA)
YUV	235.1300, -0.5571, -8.0070
Hunter-Lab	91.8855, -10.4846, 6.2003

Details

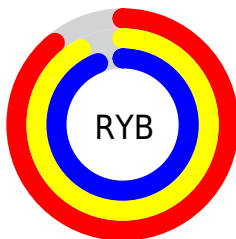
The Yxy color **84.4294, 0.3072, 0.3352** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.7445, 0.3186, 0.3229**, and the grayscale version is **83.1927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1533, 0.3065, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **80.2478, 0.2979, 0.3468**, and if you desaturate by 10%, it is **89.1954, 0.3167, 0.3248**.

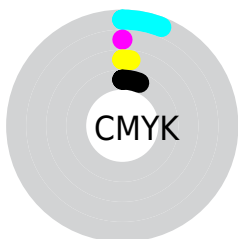
Distribution



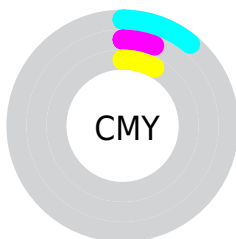
- Red (89%)
- Green (94%)
- Blue (92%)



- Red (89%)
- Yellow (92%)
- Blue (94%)



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




- Cyan (11%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.4294, 0.3072, 0.3352 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 84.4294, 0.3072, 0.3352 by changing the saturation by 10% instead.

 84.4294, 0.3072,
0.3352

 84.4294, 0.3072,
0.3352

509.7381, 0.3097,
0.3324

 63.3700, 0.3066,
0.3358


139.5757, 0.3081,
0.3342

 46.1406, 0.3060,
0.3366


174.4314, 0.3084,
0.3339

 32.3568, 0.3051,
0.3376


214.6546, 0.3087,
0.3335

 21.6342, 0.3040,
0.3388

260.6298, 0.3089,
0.3333

 13.5883, 0.3025,
0.3405

312.7414, 0.3092,
0.3330

 7.8349, 0.3005,
0.3428

371.3737, 0.3094,

 3.9895, 0.2973,

0.3328

0.3464

436.9111, 0.3095,
0.3326

■ 1.6677, 0.2921,
0.3524

■ 0.4026, 0.2447,
0.4047

■ 84.4294, 0.3072,
0.3352

■ 84.4294, 0.3072,
0.3352

■ 80.2478, 0.2979,
0.3468

■ 89.1954, 0.3167,
0.3248


■ 76.6168, 0.2891,
0.3596


■ 90.7731, 0.3137,
0.3150

■ 73.5155, 0.2811,
0.3737


■ 90.8027, 0.3134,
0.3146


■ 70.9173, 0.2741,
0.3888

 68.7935, 0.2685,
0.4048

 67.1121, 0.2646,
0.4215

 65.8373, 0.2626,
0.4384

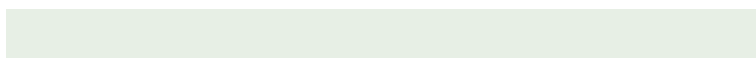
 64.9271, 0.2628,
0.4552

 64.3300, 0.2649,
0.4715

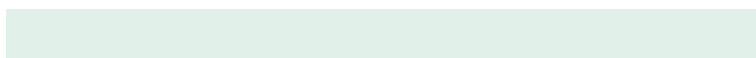
Harmonies

Analogous

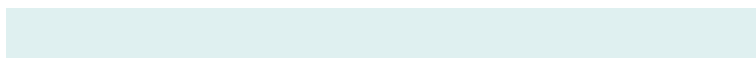
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4294, 0.3138, 0.3394



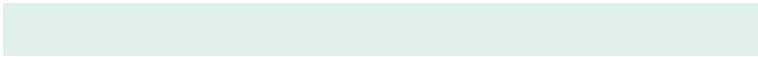
84.4294, 0.3072, 0.3352



84.4294, 0.3021, 0.3293

Triad

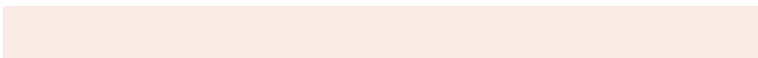
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4294, 0.3072, 0.3352



84.4294, 0.3052, 0.3175



84.4294, 0.3259, 0.3344

Complementary

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



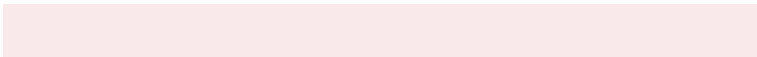
84.4294, 0.3072, 0.3352



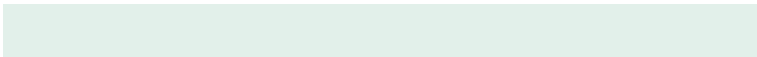
78.7445, 0.3186, 0.3229

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.



84.4294, 0.3235, 0.3286



84.4294, 0.3072, 0.3352



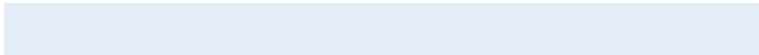
84.4294, 0.3115, 0.3189

Square

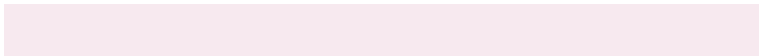
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



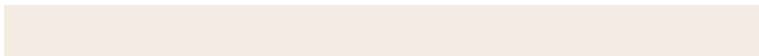
84.4294, 0.3072, 0.3352



84.4294, 0.3009, 0.3192



84.4294, 0.3182, 0.3230



84.4294, 0.3247, 0.3388

Rectangle

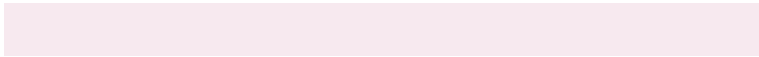
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



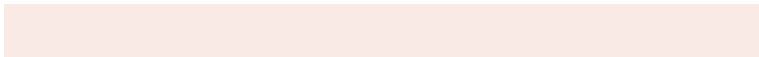
84.4294, 0.3072, 0.3352



84.4294, 0.3002, 0.3253



84.4294, 0.3182, 0.3230



84.4294, 0.3255, 0.3325

Sweetspot

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



84.4330, 0.3072, 0.3352



98.9059, 0.3108, 0.3311



84.9810, 0.3160, 0.3435



21.1814, 0.3109, 0.3310



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

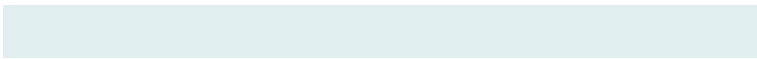
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4330, 0.3072, 0.3352



96.2885, 0.3061, 0.3365



84.2348, 0.3037, 0.3280



17.9839, 0.3056, 0.3371



35.1370, 0.2654, 0.4755



2.9430, 0.2595, 0.4543

Inverse Universe

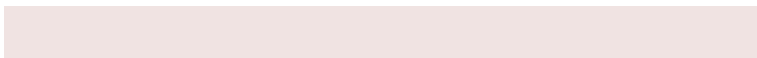
The Inverse Universe completely reimagines the original color for something new.



78.7445, 0.3186, 0.3229



88.4945, 0.3199, 0.3216



78.9191, 0.3224, 0.3300



16.4140, 0.3205, 0.3210



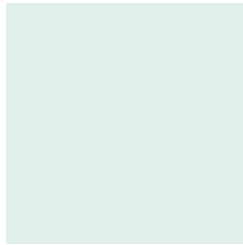
10.6983, 0.5264, 0.2673



0.9095, 0.4928, 0.2489

Previews

White Background



This preview shows how the Yxy color 84.4294, 0.3072, 0.3352 looks on a white background.

Color Contrast Check

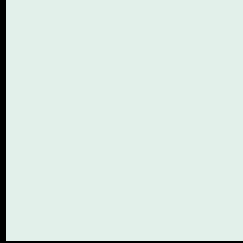
Large Text (above 18pt) WCAG AA × Fail

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 84.4294, 0.3072, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

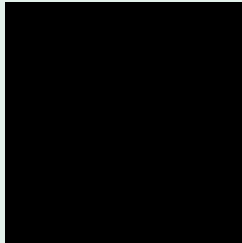
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

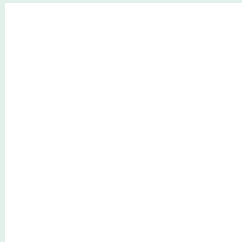
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.4294, 0.3072, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 84.4294, 0.3072, 0.3352.

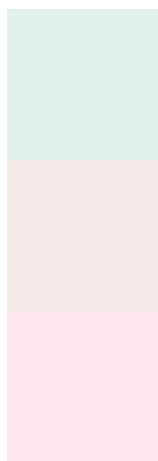


This preview shows how white text looks on a background with the Yxy color 84.4294, 0.3072, 0.3352.

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

84.4294, 0.3072, 0.3352

Protanopia

84.0634, 0.3199, 0.3331

Deuteranopia

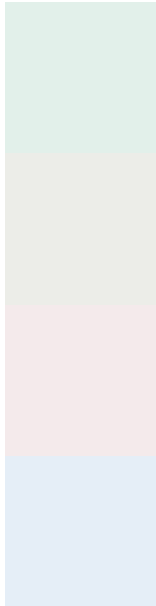
83.9098, 0.3261, 0.3231



Tritanopia

84.6114, 0.2974, 0.3108

Trichromacy



Original Color

84.4294, 0.3072, 0.3352

Protanomaly

84.2274, 0.3151, 0.3341

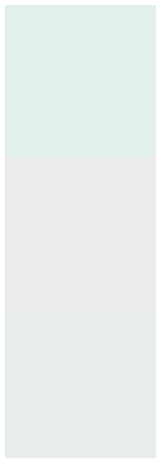
Deuteranomaly

84.0769, 0.3188, 0.3280

Tritanomaly

84.5225, 0.3015, 0.3198

Monochromacy



Original Color

84.4294, 0.3072, 0.3352

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.7223, 0.3106, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4294, 0.3072, 0.3352 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(226, 240, 234)` looks like.

```
.text, #text, p{  
    color:rgb(226, 240, 234)  
}
```

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(226, 240, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 240, 234) }
```

Border

The CSS property to change the border of an element to Yxy 84.4294, 0.3072, 0.3352 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(226, 240, 234) }
```

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

```
.border{ border-color:rgb(226, 240, 234) }
```

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

Here you see how a box with a 4 pixel rgb(226, 240, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 240, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 240, 234);  
box-shadow:4px 4px 4px 4px rgb(226, 240,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4294, 0.3072, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 240, 234) }
```

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

```
.background{ background-color: rgb(226,  
240, 234) }
```

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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