

Converting Colors

Yxy(85.6548, 0.3023, 0.3292)

Have a look what the booklet for
Yxy(85.6548, 0.3023, 0.3292)
contains.

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Color

Yxy(85.8627, 0.3024, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	E1F2F1
RGB	225, 242, 241
RGB Percent	88%, 95%, 95%
CMY	0.1176, 0.0510, 0.0549
CMYK	0.07, 0.00, 0.00, 0.05
HSL	176°, 40%, 92%
HSV	176°, 7%, 95%
XYZ	78.6815, 85.8627, 95.6458
YIQ	236.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

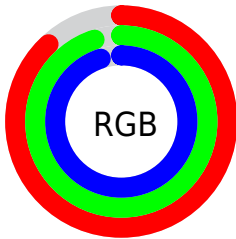
Format	Color
R _{YB}	225, 234, 242
Decimal	14807793
CIE Lab	94.25, -5.75, -1.45
CIE LCh	94, 5.934, 194.146
Yxy	85.8627, 0.3024, 0.3300
Android (android.graphics.Color)	4292997873 (0xFFE1F2F1)
YUV	236.8030, 2.0691, -10.3512
Hunter-Lab	92.6621, -10.5904, 3.6644

Details

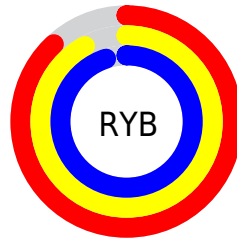
The Yxy color **85.8627, 0.3024, 0.3300** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.2225, 0.3240, 0.3280**, and the grayscale version is **84.5210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1666, 0.3004, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **82.1635, 0.2883, 0.3315**, and if you desaturate by 10%, it is **90.1211, 0.3172, 0.3286**.

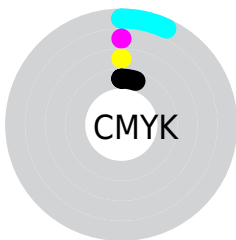
Distribution



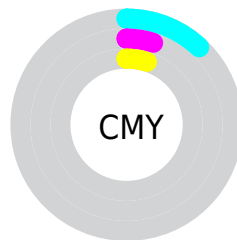
- Red (88%)
- Green (95%)
- Blue (95%)



- Red (88%)
- Yellow (92%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)





- Cyan (12%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.8627, 0.3024, 0.3300 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 85.8627, 0.3024, 0.3300 by changing the saturation by 10% instead.


 85.8627, 0.3024,
0.3300

 85.8627, 0.3024,
0.3300


514.4784, 0.3070,
0.3296

 64.5544, 0.3014,
0.3301


141.5779, 0.3040,
0.3299

 47.0999, 0.3001,
0.3302


176.7536, 0.3046,
0.3298

 33.1146, 0.2986,
0.3303


217.3206, 0.3051,
0.3298

 22.2143, 0.2966,
0.3305

263.6632, 0.3056,
0.3297

 14.0144, 0.2939,
0.3307

316.1659, 0.3060,
0.3297

 8.1307, 0.2902,
0.3310

375.2131, 0.3064,

 4.1787, 0.2847,

0.3296

0.3314

441.1891, 0.3067,
0.3296

■ 1.7740, 0.2756,
0.3320

■ 0.4709, 0.2206,
0.3383

■ 85.8627, 0.3024,
0.3300

■ 85.8627, 0.3024,
0.3300

■ 82.1635, 0.2883,
0.3315

■ 90.1211, 0.3172,
0.3286

■ 78.9895, 0.2753,
0.3332


■ 91.2899, 0.3201,
0.3272


■ 76.3196, 0.2635,
0.3350

■ 91.3768, 0.3192,
0.3258

■ 74.1272, 0.2532,
0.3369


■ 91.4644, 0.3183,
0.3245

 72.3832, 0.2448,
0.3388

 91.5527, 0.3175,
0.3231


 71.0552, 0.2382,
0.3408


 91.6417, 0.3166,
0.3217


 70.1067, 0.2337,
0.3428

 91.7313, 0.3157,
0.3204

 69.4947, 0.2310,
0.3448

 91.8216, 0.3149,
0.3190

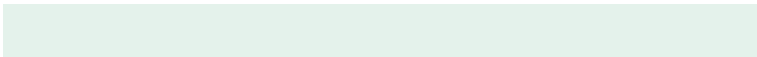
 69.1639, 0.2299,
0.3467

 91.9126, 0.3140,
0.3176

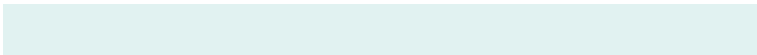
Harmonies

Analogous

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



85.8627, 0.3078, 0.3358



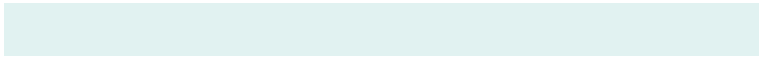
85.8627, 0.3024, 0.3300



85.8627, 0.2997, 0.3240

Triad

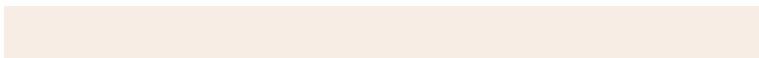
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8627, 0.3024, 0.3300



85.8627, 0.3107, 0.3186



85.8627, 0.3251, 0.3385

Complementary

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



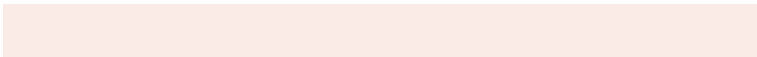
85.8627, 0.3024, 0.3300



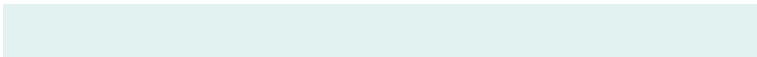
78.2225, 0.3240, 0.3280

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.



85.8627, 0.3259, 0.3338



85.8627, 0.3024, 0.3300



85.8627, 0.3176, 0.3224

Square

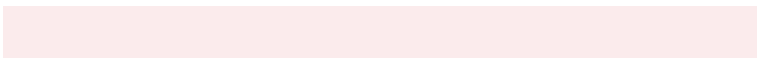
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8627, 0.3024, 0.3300



85.8627, 0.3045, 0.3175



85.8627, 0.3231, 0.3279



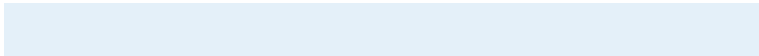
85.8627, 0.3209, 0.3407

Rectangle

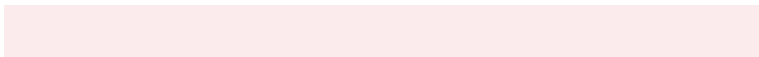
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



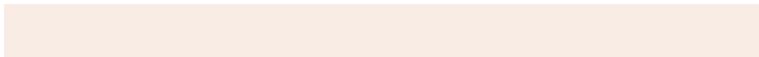
85.8627, 0.3024, 0.3300



85.8627, 0.2999, 0.3207



85.8627, 0.3231, 0.3279



85.8627, 0.3258, 0.3372

Sweetspot

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



85.8663, 0.3024, 0.3300



99.0262, 0.3097, 0.3293



85.1346, 0.3126, 0.3468



21.2059, 0.3099, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

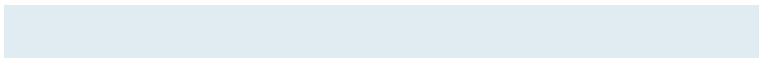
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8663, 0.3024, 0.3300



96.2569, 0.3010, 0.3302



81.6290, 0.3019, 0.3213



17.9119, 0.2989, 0.3304



37.1235, 0.2297, 0.3470



3.0932, 0.2290, 0.3444

Inverse Universe

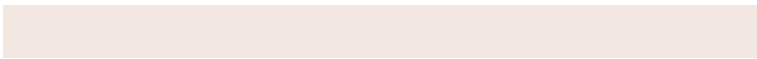
The Inverse Universe completely reimagines the original color for something new.



78.2225, 0.3240, 0.3280



86.4925, 0.3258, 0.3279



82.2371, 0.3240, 0.3366



15.7739, 0.3284, 0.3276



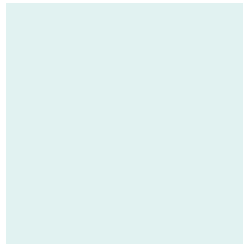
10.1648, 0.6338, 0.3265



0.8509, 0.6180, 0.3178

Previews

White Background



This preview shows how the Yxy color 85.8627, 0.3024, 0.3300 looks on a white background.

Color Contrast Check

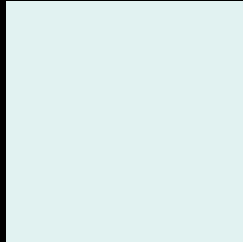
Large Text (above 18pt) WCAG AA × Fail

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 85.8627, 0.3024, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

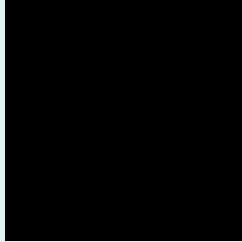
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

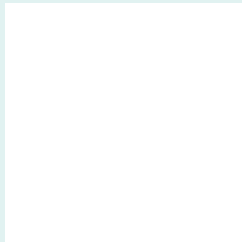
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.8627, 0.3024, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 85.8627, 0.3024, 0.3300.

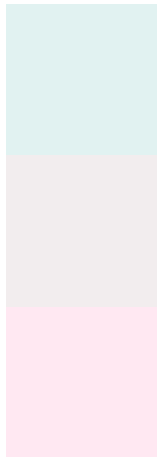


This preview shows how white text looks on a background with the Yxy color 85.8627, 0.3024, 0.3300.

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

85.8627, 0.3024, 0.3300

Protanopia

85.6187, 0.3154, 0.3280

Deuteranopia

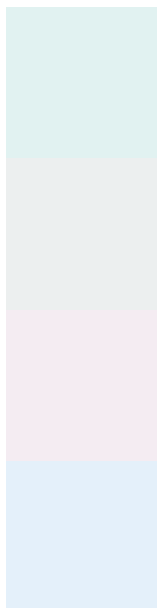
85.3840, 0.3220, 0.3192



Tritanopia

85.7760, 0.2974, 0.3128

Trichromacy



Original Color

85.8627, 0.3024, 0.3300

Protanomaly

85.7979, 0.3107, 0.3290

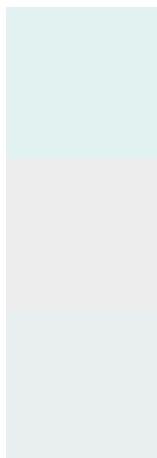
Deuteranomaly

85.6348, 0.3143, 0.3230

Tritanomaly

85.7163, 0.2991, 0.3188

Monochromacy



Original Color

85.8627, 0.3024, 0.3300

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.2297, 0.3094, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8627, 0.3024, 0.3300 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(225, 242, 241)` looks like.

```
.text, #text, p{  
    color:rgb(225, 242, 241)  
}
```

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(225, 242, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 242, 241) }
```

Border

The CSS property to change the border of an element to Yxy 85.8627, 0.3024, 0.3300 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(225, 242, 241) }
```

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

```
.border{ border-color:rgb(225, 242, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 242, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 242, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 242, 241);  
box-shadow:4px 4px 4px 4px rgb(225, 242,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8627, 0.3024, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 242, 241) }
```

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

```
.background{ background-color: rgb(225,  
242, 241) }
```

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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