

Converting Colors

$Y_{xy}(85.5222, 0.3050, 0.3266)$

Have a look what the booklet for
Yxy(85.5222, 0.3050, 0.3266)
contains.

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Color

Yxy(85.5540, 0.3050, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E6F0F2
RGB	230, 240, 242
RGB Percent	90%, 94%, 95%
CMY	0.0981, 0.0588, 0.0508
CMYK	0.05, 0.01, 0.00, 0.05
HSL	190°, 32%, 93%
HSV	190°, 5%, 95%
XYZ	79.8225, 85.5540, 96.3366
YIQ	237.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

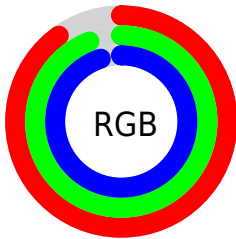
Format	Color
R _Y B	230, 235, 242
Decimal	15134962
CIE Lab	94.12, -2.92, -2.14
CIE LCh	94, 3.623, 216.168
Yxy	85.5540, 0.3050, 0.3269
Android (android.graphics.Color)	4293325042 (0xFFE6F0F2)
YUV	237.2380, 2.3477, -6.3477
Hunter-Lab	92.4954, -7.8235, 2.9946

Details

The Yxy color **85.5540, 0.3050, 0.3269** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.3234, 0.3208, 0.3311**, and the grayscale version is **84.8693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.8248, 0.3029, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **79.4514, 0.2897, 0.3224**, and if you desaturate by 10%, it is **92.2739, 0.3205, 0.3310**.

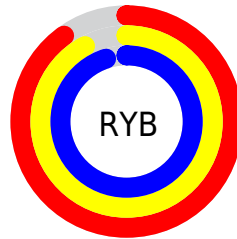
Distribution



Red (90%)

Green (94%)

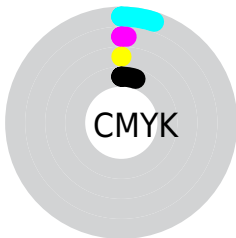
Blue (95%)



Red (90%)

Yellow (92%)

Blue (95%)

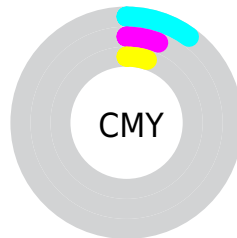


Cyan (5%)

Magenta (1%)

Yellow (0%)

Black (5%)



Cyan (10%)


Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.5540, 0.3050, 0.3269 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 85.5540, 0.3050, 0.3269 by changing the saturation by 10% instead.


 85.5540, 0.3050,
0.3269

 85.5540, 0.3050,
0.3269


513.4594, 0.3085,
0.3279

 64.2992, 0.3042,
0.3267


141.1469, 0.3062,
0.3272

 46.8931, 0.3033,
0.3264


176.2539, 0.3066,
0.3274

 32.9511, 0.3021,
0.3261


216.7471, 0.3071,
0.3275

 22.0890, 0.3006,
0.3257

263.0108, 0.3074,
0.3276

 13.9223, 0.2986,
0.3251

315.4295, 0.3077,
0.3277

 8.0667, 0.2958,
0.3242

374.3876, 0.3080,

 4.1376, 0.2917,

0.3277

0.3230

440.2694, 0.3082,
0.3278

■ 1.7508, 0.2848,
0.3209

■ 0.4563, 0.2473,
0.3115

■ 85.5540, 0.3050,
0.3269

■ 85.5540, 0.3050,
0.3269

■ 79.4514, 0.2897,
0.3224

■ 92.2739, 0.3205,
0.3310

■ 73.9320, 0.2750,
0.3174

■ 94.9101, 0.3208,
0.3349

■ 68.9749, 0.2611,
0.3121

■ 97.4494, 0.3205,
0.3388

■ 64.5533, 0.2484,
0.3065

■ 99.1929, 0.3202,
0.3415

■ 60.6384, 0.2371,
0.3007

■ 57.1982, 0.2276,
0.2946

■ 54.1968, 0.2200,
0.2885

■ 51.5923, 0.2144,
0.2824

■ 49.3334, 0.2107,
0.2764

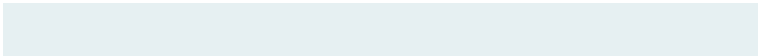
Harmonies

Analogous

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



85.5540, 0.3072, 0.3306



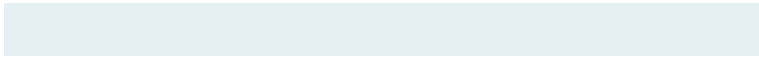
85.5540, 0.3050, 0.3269



85.5540, 0.3049, 0.3238

Triad

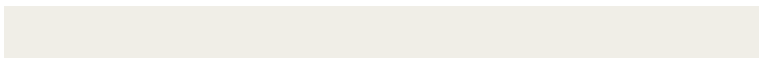
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5540, 0.3050, 0.3269



85.5540, 0.3146, 0.3242



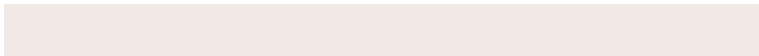
85.5540, 0.3186, 0.3360

Complementary

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



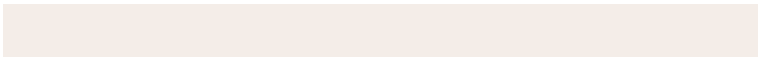
85.5540, 0.3050, 0.3269



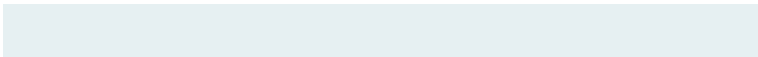
82.3234, 0.3208, 0.3311

Split Complementary

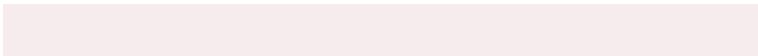
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.5540, 0.3206, 0.3342



85.5540, 0.3050, 0.3269



85.5540, 0.3183, 0.3274

Square

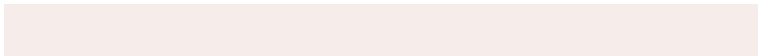
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.5540, 0.3050, 0.3269



85.5540, 0.3104, 0.3222



85.5540, 0.3205, 0.3311



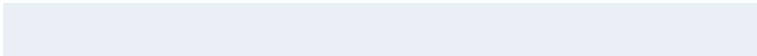
85.5540, 0.3150, 0.3359

Rectangle

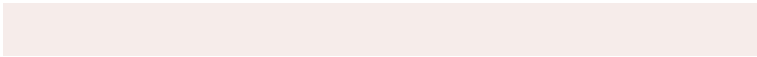
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



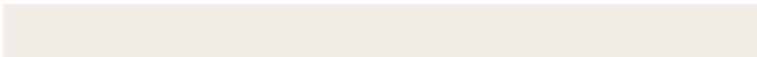
85.5540, 0.3050, 0.3269



85.5540, 0.3060, 0.3225



85.5540, 0.3205, 0.3311



85.5540, 0.3195, 0.3356

Sweetspot

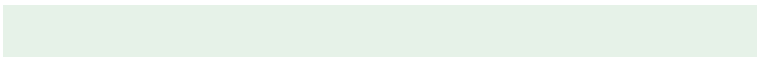
The Sweet Spot groups the original color and five complimentary colors.



85.5576, 0.3050, 0.3269



99.2455, 0.3112, 0.3286



86.1731, 0.3109, 0.3393



21.2506, 0.3112, 0.3286



0.0000, 0.0000, 0.0000



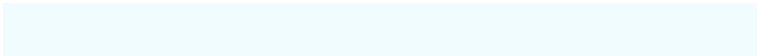
21.4041, 0.3127, 0.3290

Same Dimension

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



85.5576, 0.3050, 0.3269



95.5778, 0.3034, 0.3265



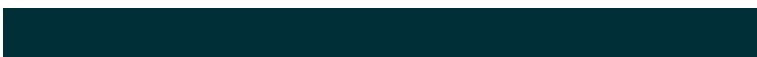
82.0851, 0.3051, 0.3207



17.8215, 0.3024, 0.3262



26.1092, 0.2096, 0.2743



2.2909, 0.2118, 0.2823

Inverse Universe

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



81.7655, 0.3146, 0.3189



90.4586, 0.3150, 0.3168



85.7576, 0.3204, 0.3371



16.7704, 0.3152, 0.3155



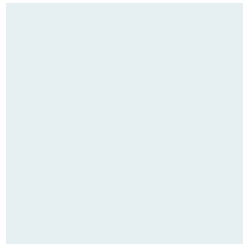
12.4291, 0.3687, 0.1805



1.0460, 0.3613, 0.1764

Previews

White Background



This preview shows how the Yxy color 85.5540, 0.3050, 0.3269 looks on a white background.

Color Contrast Check

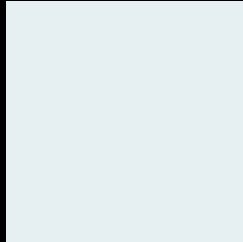
Large Text (above 18pt) WCAG AA × Fail

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 85.5540, 0.3050, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

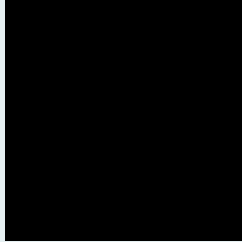
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

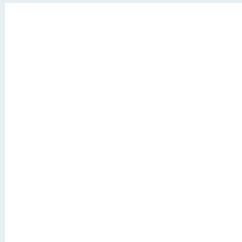
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.5540, 0.3050, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 85.5540, 0.3050, 0.3269.

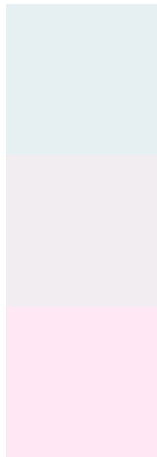


This preview shows how white text looks on a background with the Yxy color 85.5540, 0.3050, 0.3269.

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

85.5540, 0.3050, 0.3269

Protanopia

85.5604, 0.3135, 0.3260

Deuteranopia

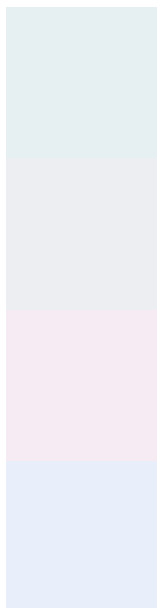
85.4443, 0.3214, 0.3183



Tritanopia

85.6927, 0.2993, 0.3119

Trichromacy



Original Color

85.5540, 0.3050, 0.3269

Protanomaly

85.5045, 0.3102, 0.3260

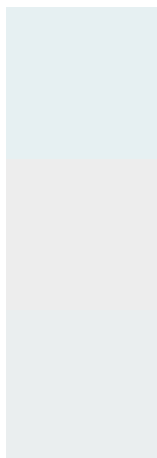
Deuteranomaly

85.4806, 0.3151, 0.3211

Tritanomaly

85.7909, 0.3016, 0.3179

Monochromacy



Original Color

85.5540, 0.3050, 0.3269

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.8735, 0.3095, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.5540, 0.3050, 0.3269 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(230, 240, 242)` looks like.

```
.text, #text, p{  
    color:rgb(230, 240, 242)  
}
```

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(230, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 240, 242) }
```

Border

The CSS property to change the border of an element to Yxy 85.5540, 0.3050, 0.3269 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(230, 240, 242) }
```

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

```
.border{ border-color:rgb(230, 240, 242) }
```

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

Here you see how a box with a 4 pixel rgb(230, 240, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(230, 240,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 85.5540, 0.3050, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 240, 242) }
```

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

```
.background{ background-color: rgb(230,  
240, 242) }
```

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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