

Converting Colors

$Yxy(85.7319, 0.3128, 0.3486)$

Have a look what the booklet for
Yxy(85.7319, 0.3128, 0.3486)
contains.

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Color

Yxy(85.6518, 0.3131, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	E2F3E0
RGB	226, 243, 224
RGB Percent	89%, 95%, 88%
CMY	0.1138, 0.0470, 0.1217
CMYK	0.07, 0.00, 0.08, 0.05
HSL	114°, 44%, 92%
HSV	114°, 8%, 95%
XYZ	76.8632, 85.6518, 82.9759
YIQ	235.7510, -4.0330, -9.5130

Conversions

Conversions Part 2

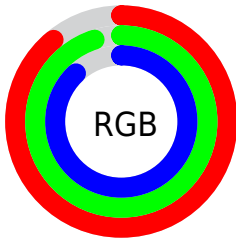
Format	Color
R_{YB}	224, 243, 241
Decimal	14873568
CIE Lab	94.16, -9.01, 7.26
CIE LCh	94, 11.567, 141.153
Yxy	85.6518, 0.3131, 0.3489
Android (android.graphics.Color)	4293063648 (0xFFE2F3E0)
YUV	235.7510, -5.7932, -8.5516
Hunter-Lab	92.5483, -13.7115, 11.6262

Details

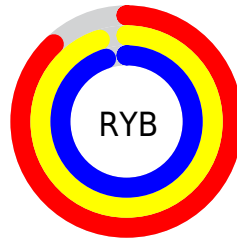
The Yxy color **85.6518, 0.3131, 0.3489** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.4618, 0.3122, 0.3097**, and the grayscale version is **83.7276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.0631, 0.3132, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **81.1393, 0.3134, 0.3772**, and if you desaturate by 10%, it is **90.8046, 0.3126, 0.3239**.

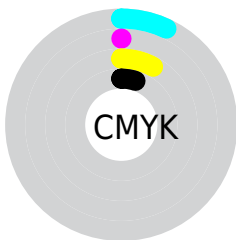
Distribution



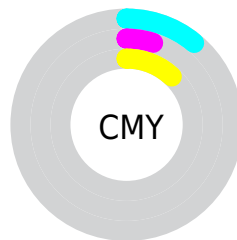
- Red (89%)
- Green (95%)
- Blue (88%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)





- Cyan (11%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.6518, 0.3131, 0.3489 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 85.6518, 0.3131, 0.3489 by changing the saturation by 10% instead.

 85.6518, 0.3131,
0.3489

 85.6518, 0.3131,
0.3489

513.7824, 0.3130,
0.3398

 64.3801, 0.3131,
0.3509

141.2835, 0.3131,
0.3458

 46.9586, 0.3131,
0.3534


176.4122, 0.3131,
0.3446

 33.0029, 0.3131,
0.3566


216.9288, 0.3130,
0.3435

 22.1287, 0.3131,
0.3607

263.2175, 0.3130,
0.3426

 13.9515, 0.3130,
0.3662

315.6629, 0.3130,
0.3418

 8.0869, 0.3129,
0.3740

374.6492, 0.3130,

 4.1506, 0.3125,

0.3411

0.3860

440.5609, 0.3130,
0.3404

■ 1.7582, 0.3115,
0.4065

■ 0.4609, 0.3213,
0.6787

■ 85.6518, 0.3131,
0.3489

■ 85.6518, 0.3131,
0.3489

■ 81.1393, 0.3134,
0.3772

■ 90.8046, 0.3126,
0.3239

■ 77.2316, 0.3135,
0.4086

■ 92.5879, 0.3133,
0.3175

■ 73.9062, 0.3132,
0.4425

■ 71.1351, 0.3125,
0.4776

■ 68.8880, 0.3112,
0.5120

■ 67.1316, 0.3094,
0.5434

■ 65.8288, 0.3072,
0.5691

■ 64.9371, 0.3048,
0.5871

■ 64.4042, 0.3025,
0.5969

Harmonies

Analogous

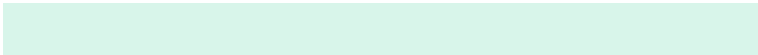
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6518, 0.3260, 0.3522



85.6518, 0.3131, 0.3489



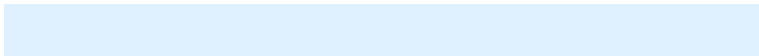
85.6518, 0.3003, 0.3399

Triad

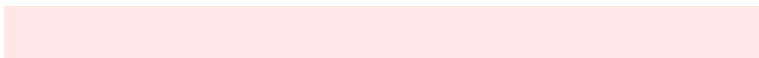
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6518, 0.3131, 0.3489



85.6518, 0.2903, 0.3089



85.6518, 0.3350, 0.3295

Complementary

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



85.6518, 0.3131, 0.3489



78.4618, 0.3122, 0.3097

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.



85.6518, 0.3250, 0.3184



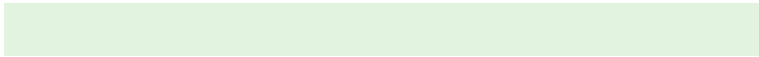
85.6518, 0.3131, 0.3489



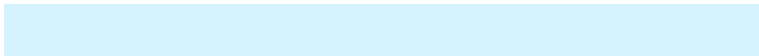
85.6518, 0.2992, 0.3067

Square

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



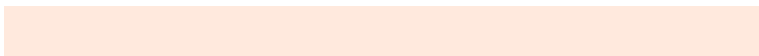
85.6518, 0.3131, 0.3489



85.6518, 0.2873, 0.3166



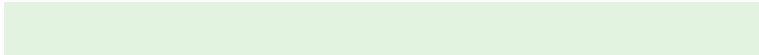
85.6518, 0.3119, 0.3102



85.6518, 0.3388, 0.3406

Rectangle

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



85.6518, 0.3131, 0.3489



85.6518, 0.2935, 0.3320



85.6518, 0.3119, 0.3102



85.6518, 0.3322, 0.3256

Sweetspot

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



85.6555, 0.3131, 0.3489



98.8218, 0.3128, 0.3339



87.2224, 0.3246, 0.3461



21.1643, 0.3128, 0.3337



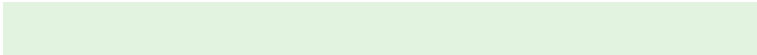
0.0000, 0.0000, 0.0000



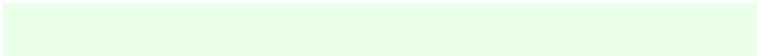
21.4041, 0.3127, 0.3290

Same Dimension

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



85.6555, 0.3131, 0.3489



94.9252, 0.3131, 0.3521



85.7341, 0.3074, 0.3412



18.5564, 0.3132, 0.3534



35.3279, 0.3026, 0.5980



3.1324, 0.3079, 0.5937

Inverse Universe

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



78.4618, 0.3122, 0.3097



85.7608, 0.3121, 0.3067



78.3883, 0.3184, 0.3171



16.6734, 0.3121, 0.3056



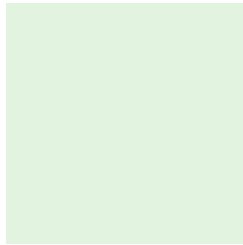
11.6938, 0.2942, 0.1394



1.0530, 0.2978, 0.1414

Previews

White Background



This preview shows how the Yxy color 85.6518, 0.3131, 0.3489 looks on a white background.

Color Contrast Check

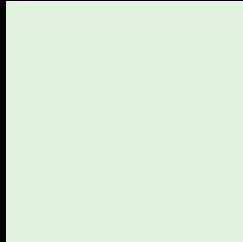
Large Text (above 18pt) WCAG AA × Fail

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 85.6518, 0.3131, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

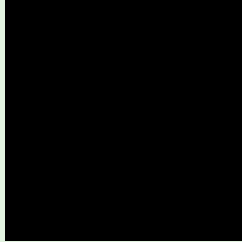
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

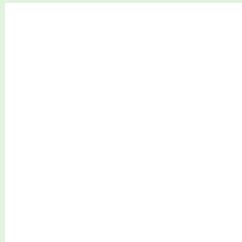
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.6518, 0.3131, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 85.6518, 0.3131, 0.3489.



This preview shows how white text looks on a background with the Yxy color 85.6518, 0.3131, 0.3489.

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

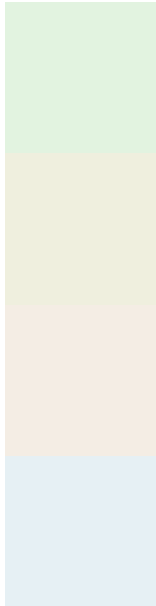




Tritanopia

85.5249, 0.2987, 0.3119

Trichromacy



Original Color

85.6518, 0.3131, 0.3489

Protanomaly

85.3577, 0.3233, 0.3464

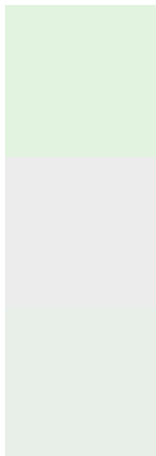
Deuteranomaly

85.4029, 0.3230, 0.3381

Tritanomaly

85.6748, 0.3038, 0.3249

Monochromacy



Original Color

85.6518, 0.3131, 0.3489

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.7150, 0.3124, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6518, 0.3131, 0.3489 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, 243, 224)` looks like.

```
.text, #text, p{  
    color:rgb(226, 243, 224)  
}
```

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, 243, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 243, 224) }
```

Border

The CSS property to change the border of an element to Yxy 85.6518, 0.3131, 0.3489 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, 243, 224) }
```

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

```
.border{ border-color:rgb(226, 243, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 243, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 243, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 243, 224);  
box-shadow:4px 4px 4px 4px rgb(226, 243,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6518, 0.3131, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 243, 224) }
```

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

```
.background{ background-color: rgb(226,  
243, 224) }
```

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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