

Converting Colors

Yxy(86.1853, 0.3201, 0.3484)

Have a look what the booklet for
Yxy(86.1853, 0.3201, 0.3484)
contains.

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Color

Yxy(85.9005, 0.3198, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	EBF1DF
RGB	235, 241, 223
RGB Percent	92%, 95%, 87%
CMY	0.0782, 0.0550, 0.1254
CMYK	0.02, 0.00, 0.07, 0.05
HSL	80°, 39%, 91%
HSV	80°, 7%, 95%
XYZ	79.0532, 85.9005, 82.2420
YIQ	237.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

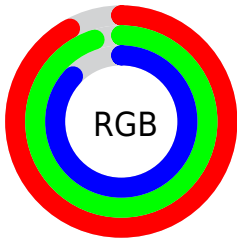
Format	Color
R _Y B	223, 241, 229
Decimal	15462879
CIE Lab	94.27, -5.09, 7.98
CIE LCh	94, 9.462, 122.510
Yxy	85.9005, 0.3198, 0.3475
Android (android.graphics.Color)	4293652959 (0xFFEBF1DF)
YUV	237.1540, -6.9779, -1.8891
Hunter-Lab	92.6825, -9.9436, 12.2667

Details

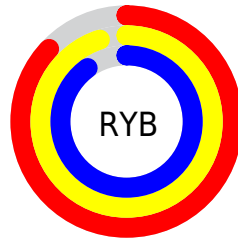
The Yxy color **85.9005, 0.3198, 0.3475** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.7878, 0.3053, 0.3103**, and the grayscale version is **84.8764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1088, 0.3210, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **83.3722, 0.3294, 0.3738**, and if you desaturate by 10%, it is **88.6817, 0.3103, 0.3229**.

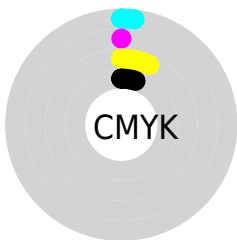
Distribution



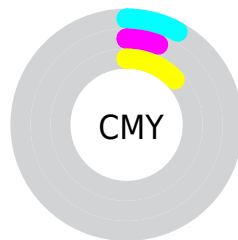
- Red (92%)
- Green (95%)
- Blue (87%)



- Red (87%)
- Yellow (95%)
- Blue (90%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (8%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.9005, 0.3198, 0.3475 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 85.9005, 0.3198, 0.3475 by changing the saturation by 10% instead.

85.9005, 0.3198,
0.3475

85.9005, 0.3198,
0.3475

514.6031, 0.3167,
0.3391

64.5857, 0.3205,
0.3494

141.6306, 0.3187,
0.3446

47.1252, 0.3213,
0.3517

176.8147, 0.3183,
0.3435

33.1347, 0.3224,
0.3546

217.3908, 0.3179,
0.3425

22.2296, 0.3237,
0.3583

263.7431, 0.3176,
0.3417

14.0257, 0.3254,
0.3633

316.2561, 0.3173,
0.3409

8.1386, 0.3278,
0.3704

375.3141, 0.3171,

4.1837, 0.3313,

0.3402

0.3811

441.3017, 0.3169,
0.3397

■ 1.7769, 0.3367,
0.3991

■ 0.4727, 0.4075,
0.5925

■ 85.9005, 0.3198,
0.3475

■ 85.9005, 0.3198,
0.3475

■ 83.3722, 0.3294,
0.3738

■ 88.6817, 0.3103,
0.3229

■ 81.0771, 0.3388,
0.4013

■ 90.6233, 0.3107,
0.3154

■ 79.0098, 0.3475,
0.4294

■ 91.3823, 0.3133,
0.3156

■ 77.1605, 0.3552,
0.4571

■ 75.5184, 0.3613,
0.4832

■ 74.0719, 0.3653,
0.5064

■ 72.8078, 0.3668,
0.5256

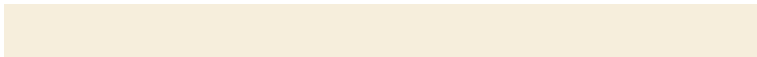
■ 71.7105, 0.3658,
0.5399

■ 70.7600, 0.3625,
0.5492

Harmonies

Analogous

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



85.9005, 0.3289, 0.3469



85.9005, 0.3198, 0.3475



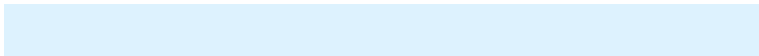
85.9005, 0.3089, 0.3429

Triad

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



85.9005, 0.3198, 0.3475



85.9005, 0.2922, 0.3161



85.9005, 0.3263, 0.3236

Complementary

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



85.9005, 0.3198, 0.3475



75.7878, 0.3053, 0.3103

Split Complementary

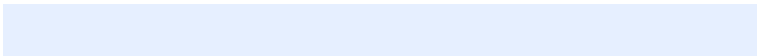
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9005, 0.3163, 0.3157



85.9005, 0.3198, 0.3475



85.9005, 0.2966, 0.3113

Square

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



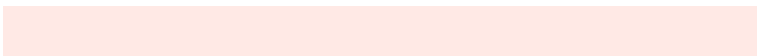
85.9005, 0.3198, 0.3475



85.9005, 0.2931, 0.3245



85.9005, 0.3054, 0.3112



85.9005, 0.3327, 0.3330

Rectangle

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



85.9005, 0.3198, 0.3475



85.9005, 0.3022, 0.3375



85.9005, 0.3054, 0.3112



85.9005, 0.3232, 0.3207

Sweetspot

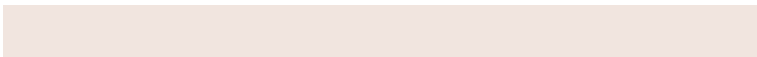
The Sweet Spot groups the original color and five complimentary colors.



85.9042, 0.3198, 0.3475



99.3583, 0.3146, 0.3339



79.9069, 0.3249, 0.3349



21.2735, 0.3145, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

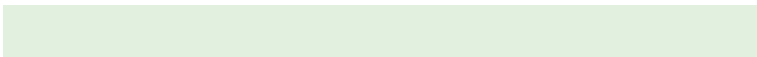
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9042, 0.3198, 0.3475



97.2019, 0.3213, 0.3515



84.4514, 0.3140, 0.3478



18.1827, 0.3217, 0.3527



38.3303, 0.3624, 0.5505



3.2426, 0.3700, 0.5444

Inverse Universe

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



75.7878, 0.3053, 0.3103



83.4198, 0.3036, 0.3061



77.2625, 0.3113, 0.3106



15.4818, 0.3031, 0.3049



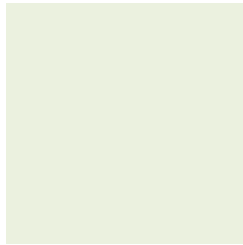
4.4215, 0.1741, 0.0733



0.4200, 0.1883, 0.0811

Previews

White Background



This preview shows how the Yxy color 85.9005, 0.3198, 0.3475 looks on a white background.

Color Contrast Check

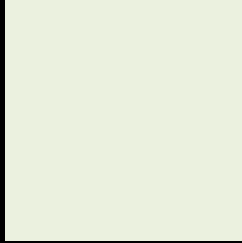
Large Text (above 18pt) WCAG AA × Fail

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 85.9005, 0.3198, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

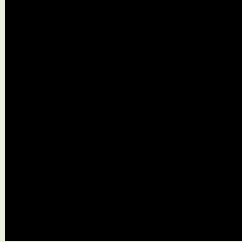
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

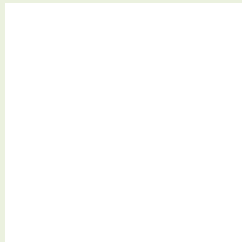
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.9005, 0.3198, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 85.9005, 0.3198, 0.3475.

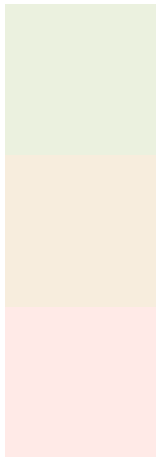


This preview shows how white text looks on a background with the Yxy color 85.9005, 0.3198, 0.3475.

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

85.9005, 0.3198, 0.3475

Protanopia

85.5630, 0.3296, 0.3452

Deuteranopia

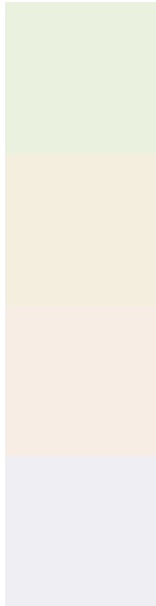
85.8752, 0.3290, 0.3320



Tritanopia

85.7362, 0.3038, 0.3101

Trichromacy



Original Color

85.9005, 0.3198, 0.3475

Protanomaly

85.4777, 0.3261, 0.3453

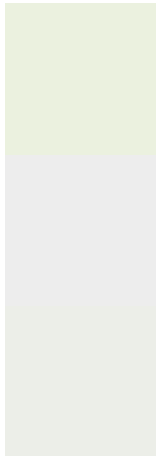
Deuteranomaly

86.1263, 0.3258, 0.3381

Tritanomaly

85.7973, 0.3097, 0.3240

Monochromacy



Original Color

85.9005, 0.3198, 0.3475

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.8081, 0.3151, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9005, 0.3198, 0.3475 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(235, 241, 223)` looks like.

```
.text, #text, p{  
    color:rgb(235, 241, 223)  
}
```

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(235, 241, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 241, 223) }
```

Border

The CSS property to change the border of an element to Yxy 85.9005, 0.3198, 0.3475 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(235, 241, 223) }
```

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

```
.border{ border-color:rgb(235, 241, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 241, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 241, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 241, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 241,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9005, 0.3198, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 241, 223) }
```

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

```
.background{ background-color: rgb(235,  
241, 223) }
```

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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