

Converting Colors

Yxy(85.2715, 0.3260, 0.3509)

Have a look what the booklet for
Yxy(85.2715, 0.3260, 0.3509)
contains.

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Color

Yxy(85.1457, 0.3258, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	EFEFDA
RGB	239, 239, 218
RGB Percent	94%, 94%, 85%
CMY	0.0627, 0.0627, 0.1451
CMYK	0.00, 0.00, 0.09, 0.06
HSL	60°, 40%, 90%
HSV	60°, 9%, 94%
XYZ	79.1228, 85.1457, 78.5886
YIQ	236.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

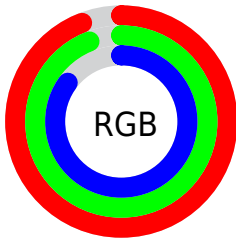
Format	Color
RYB	218, 239, 218
Decimal	15724506
CIELab	93.95, -3.55, 10.16
CIELCh	94, 10.762, 109.267
Yxy	85.1457, 0.3258, 0.3506
Android (android.graphics.Color)	4293914586 (0xFFEFEFDA)
YUV	236.6060, -9.1728, 2.0995
Hunter-Lab	92.2744, -8.4213, 14.0958

Details

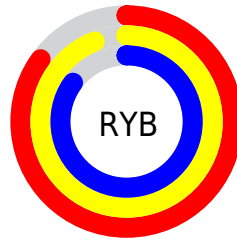
The Yxy color **85.1457, 0.3258, 0.3506** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.2898, 0.2991, 0.3064**, and the grayscale version is **84.4417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5786, 0.3287, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **83.9710, 0.3410, 0.3758**, and if you desaturate by 10%, it is **86.5083, 0.3110, 0.3261**.

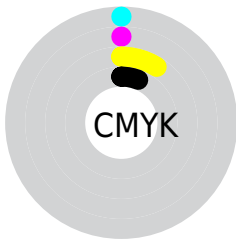
Distribution



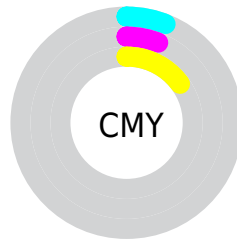
- Red (94%)
- Green (94%)
- Blue (85%)



- Red (85%)
- Yellow (94%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.1457, 0.3258, 0.3506 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 85.1457, 0.3258, 0.3506 by changing the saturation by 10% instead.

85.1457, 0.3258,
0.3506

85.1457, 0.3258,
0.3506

512.1101, 0.3199,
0.3408

63.9618, 0.3271,
0.3528

140.5767, 0.3238,
0.3472

46.6197, 0.3287,
0.3555

175.5926, 0.3230,
0.3459

32.7351, 0.3306,
0.3588

215.9879, 0.3223,
0.3448

21.9236, 0.3331,
0.3632

262.1471, 0.3217,
0.3438

13.8008, 0.3365,
0.3690

314.4545, 0.3212,
0.3429

7.9822, 0.3410,
0.3772

373.2945, 0.3207,

4.0836, 0.3478,

0.3421

439.0516, 0.3203,
0.3414

0.3895

■ 1.7204, 0.3585,
0.4101

■ 0.4368, 0.4292,
0.5708

■ 85.1457, 0.3258,
0.3506

■ 85.1457, 0.3258,
0.3506

■ 83.9710, 0.3410,
0.3758

■ 86.5083, 0.3110,
0.3261

■ 82.9653, 0.3563,
0.4009


■ 87.3398, 0.3031,
0.3132

■ 82.1241, 0.3710,
0.4251

■ 87.3557, 0.3031,
0.3132

■ 81.4386, 0.3845,
0.4475


■ 87.3717, 0.3031,
0.3132

 80.8989, 0.3963,
0.4670


 87.3877, 0.3031,
0.3133

 80.4942, 0.4059,
0.4828

 87.4037, 0.3031,
0.3133

 80.2122, 0.4129,
0.4943

 87.4197, 0.3031,
0.3133

 80.0381, 0.4173,
0.5015

 87.4357, 0.3031,
0.3133

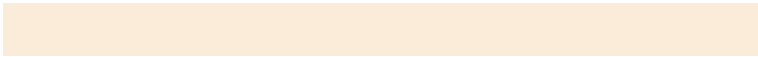
 79.9504, 0.4193,
0.5048

 87.4517, 0.3031,
0.3134

Harmonies

Analogous

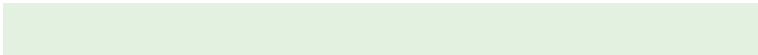
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1457, 0.3343, 0.3473



85.1457, 0.3258, 0.3506



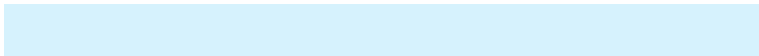
85.1457, 0.3139, 0.3479

Triad

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



85.1457, 0.3258, 0.3506



85.1457, 0.2890, 0.3180



85.1457, 0.3235, 0.3185

Complementary

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



85.1457, 0.3258, 0.3506



71.2898, 0.2991, 0.3064

Split Complementary

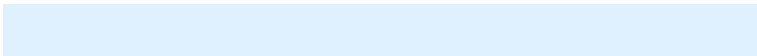
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.1457, 0.3112, 0.3111



85.1457, 0.3258, 0.3506



85.1457, 0.2915, 0.3106

Square

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



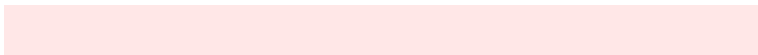
85.1457, 0.3258, 0.3506



85.1457, 0.2928, 0.3288



85.1457, 0.2995, 0.3081



85.1457, 0.3330, 0.3288

Rectangle

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



85.1457, 0.3258, 0.3506



85.1457, 0.3057, 0.3430



85.1457, 0.2995, 0.3081



85.1457, 0.3195, 0.3156

Sweetspot

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



85.1494, 0.3258, 0.3506



99.5115, 0.3171, 0.3363



73.5743, 0.3278, 0.3287



21.2723, 0.3183, 0.3383



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.



85.1494, 0.3258, 0.3506



98.3029, 0.3292, 0.3562



83.4435, 0.3189, 0.3511



18.4558, 0.3268, 0.3523



44.1693, 0.4195, 0.5051



3.6755, 0.4195, 0.5051

Inverse Universe

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



71.2898, 0.2991, 0.3064



78.4711, 0.2953, 0.3003



72.8927, 0.3061, 0.3069



15.2317, 0.2979, 0.3046



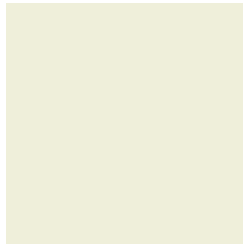
3.4485, 0.1500, 0.0601



0.2879, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 85.1457, 0.3258, 0.3506 looks on a white background.

Color Contrast Check

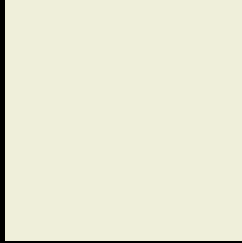
Large Text (above 18pt) WCAG AA × Fail

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 85.1457, 0.3258, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

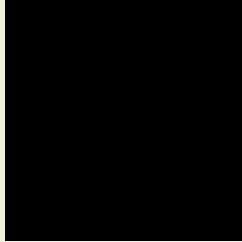
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

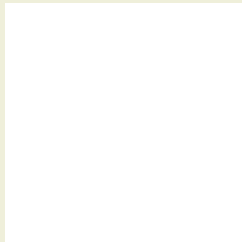
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.1457, 0.3258, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 85.1457, 0.3258, 0.3506.

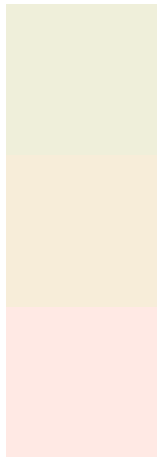


This preview shows how white text looks on a background with the Yxy color 85.1457, 0.3258, 0.3506.

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

85.1457, 0.3258, 0.3506

Protanopia

85.3523, 0.3322, 0.3493

Deuteranopia

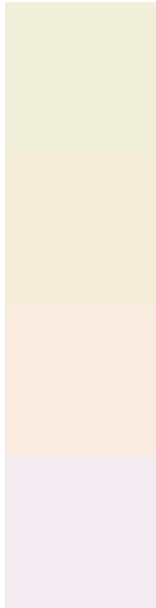
85.1393, 0.3310, 0.3340



Tritanopia

85.1070, 0.3082, 0.3112

Trichromacy



Original Color

85.1457, 0.3258, 0.3506

Protanomaly

85.3919, 0.3300, 0.3504

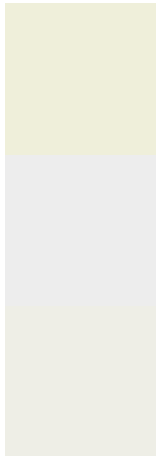
Deuteranomaly

84.9382, 0.3292, 0.3401

Tritanomaly

85.1594, 0.3142, 0.3250

Monochromacy



Original Color

85.1457, 0.3258, 0.3506

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.0394, 0.3177, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.1457, 0.3258, 0.3506 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(239, 239, 218)` looks like.

```
.text, #text, p{  
    color:rgb(239, 239, 218)  
}
```

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(239, 239, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 239, 218) }
```

Border

The CSS property to change the border of an element to Yxy 85.1457, 0.3258, 0.3506 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(239, 239, 218) }
```

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

```
.border{ border-color:rgb(239, 239, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 239, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 239, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 239, 218);  
box-shadow:4px 4px 4px 4px rgb(239, 239,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 85.1457, 0.3258, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 239, 218) }
```

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

```
.background{ background-color: rgb(239,  
239, 218) }
```

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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