

Converting Colors

$Yxy(85.4754, 0.3255, 0.3495)$

Have a look what the booklet for
Yxy(85.4754, 0.3255, 0.3495)
contains.

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Color

Yxy(85.3727, 0.3258, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	F0EFDB
RGB	240, 239, 219
RGB Percent	94%, 94%, 86%
CMY	0.0589, 0.0627, 0.1411
CMYK	0.00, 0.00, 0.09, 0.06
HSL	57°, 41%, 90%
HSV	57°, 9%, 94%
XYZ	79.5835, 85.3727, 79.3148
YIQ	237.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

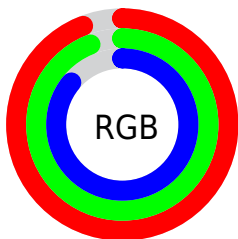
Format	Color
RYB	220, 240, 219
Decimal	15790043
CIELab	94.04, -3.06, 9.78
CIELCh	94, 10.244, 107.384
Yxy	85.3727, 0.3258, 0.3495
Android (android.graphics.Color)	4293980123 (0xFFFF0EFDB)
YUV	237.0190, -8.8834, 2.6143
Hunter-Lab	92.3973, -7.9501, 13.7830

Details

The Yxy color **85.3727, 0.3258, 0.3495** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **72.5315, 0.2992, 0.3076**, and the grayscale version is **84.7699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.7377, 0.3288, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **83.5573, 0.3413, 0.3736**, and if you desaturate by 10%, it is **87.3817, 0.3109, 0.3261**.

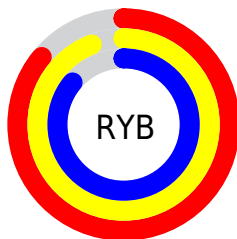
Distribution



Red (94%)

Green (94%)

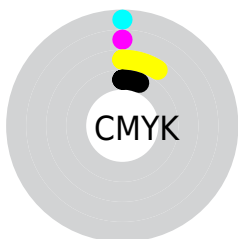
Blue (86%)



Red (86%)

Yellow (94%)

Blue (86%)

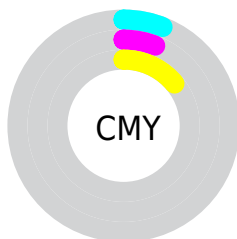


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.3727, 0.3258, 0.3495 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 85.3727, 0.3258, 0.3495 by changing the saturation by 10% instead.

 85.3727, 0.3258,
0.3495

 85.3727, 0.3258,
0.3495


512.8605, 0.3199,
0.3402

 64.1494, 0.3271,
0.3516


140.8938, 0.3238,
0.3463

 46.7717, 0.3287,
0.3541


175.9603, 0.3230,
0.3451

 32.8552, 0.3306,
0.3573


216.4101, 0.3223,
0.3440

 22.0155, 0.3332,
0.3614

262.6274, 0.3217,
0.3430

 13.8683, 0.3365,
0.3669

314.9967, 0.3212,
0.3422

 8.0291, 0.3411,
0.3746

373.9024, 0.3207,

 4.1136, 0.3479,

0.3415

439.7289, 0.3203,
0.3408

0.3862

■ 1.7373, 0.3587,
0.4055

■ 0.4476, 0.4393,
0.5607

■ 85.3727, 0.3258,
0.3495

■ 85.3727, 0.3258,
0.3495

■ 83.5573, 0.3413,
0.3736

■ 87.3817, 0.3109,
0.3261

■ 81.9166, 0.3570,
0.3978


■ 88.7822, 0.3037,
0.3154


■ 80.4460, 0.3724,
0.4213

■ 89.4388, 0.3037,
0.3165

■ 79.1364, 0.3868,
0.4431


■ 90.0994, 0.3037,
0.3176


 77.9781, 0.3998,
0.4621

 90.7639, 0.3037,
0.3187


 76.9600, 0.4106,
0.4776

 91.4325, 0.3036,
0.3198


 76.0697, 0.4188,
0.4888

 92.1050, 0.3036,
0.3209

 75.2924, 0.4243,
0.4955

 92.7816, 0.3036,
0.3220

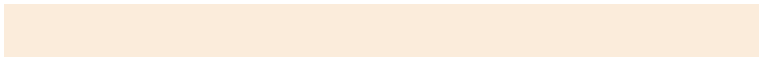
 74.6064, 0.4274,
0.4984

 93.4621, 0.3036,
0.3230

Harmonies

Analogous

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



85.3727, 0.3336, 0.3461



85.3727, 0.3258, 0.3495



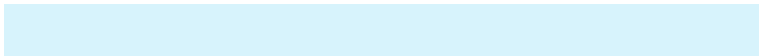
85.3727, 0.3146, 0.3473

Triad

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



85.3727, 0.3258, 0.3495



85.3727, 0.2902, 0.3192



85.3727, 0.3223, 0.3185

Complementary

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



85.3727, 0.3258, 0.3495



72.5315, 0.2992, 0.3076

Split Complementary

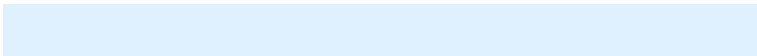
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.3727, 0.3105, 0.3116



85.3727, 0.3258, 0.3495



85.3727, 0.2922, 0.3118

Square

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



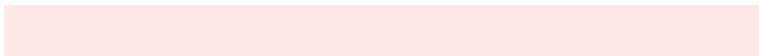
85.3727, 0.3258, 0.3495



85.3727, 0.2942, 0.3295



85.3727, 0.2995, 0.3091



85.3727, 0.3316, 0.3281

Rectangle

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



85.3727, 0.3258, 0.3495



85.3727, 0.3067, 0.3428



85.3727, 0.2995, 0.3091



85.3727, 0.3185, 0.3158

Sweetspot

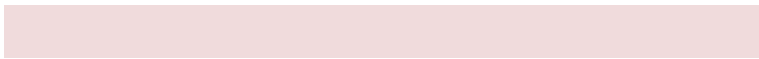
The Sweet Spot groups the original color and five complimentary colors.



85.3764, 0.3258, 0.3495



99.2926, 0.3172, 0.3360



74.3657, 0.3272, 0.3280



21.2130, 0.3184, 0.3379



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.



85.3764, 0.3258, 0.3495



97.7187, 0.3278, 0.3526



84.3351, 0.3193, 0.3509



18.3270, 0.3269, 0.3513



40.8597, 0.4276, 0.4987



3.4374, 0.4264, 0.4996

Inverse Universe

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



72.5315, 0.2992, 0.3076



80.9296, 0.2970, 0.3042



73.5313, 0.3057, 0.3070



15.3453, 0.2979, 0.3057



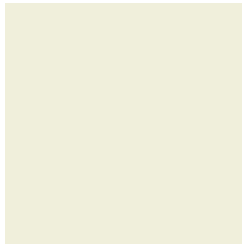
3.6274, 0.1508, 0.0629



0.3425, 0.1529, 0.0704

Previews

White Background



This preview shows how the Yxy color 85.3727, 0.3258, 0.3495 looks on a white background.

Color Contrast Check

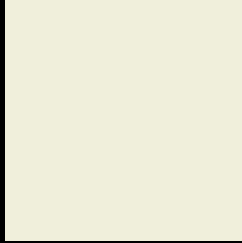
Large Text (above 18pt) WCAG AA × Fail

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 85.3727, 0.3258, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

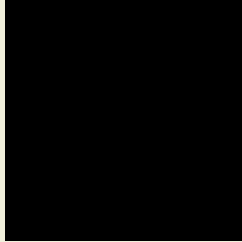
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

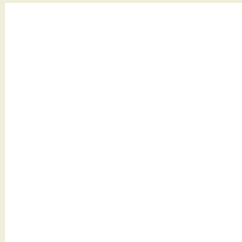
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.3727, 0.3258, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 85.3727, 0.3258, 0.3495.

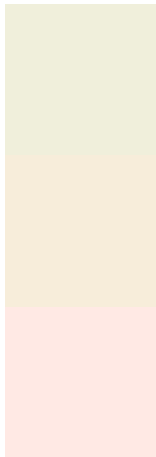


This preview shows how white text looks on a background with the Yxy color 85.3727, 0.3258, 0.3495.

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

85.3727, 0.3258, 0.3495

Protanopia

85.4045, 0.3315, 0.3483

Deuteranopia

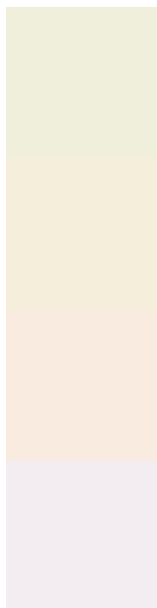
85.1393, 0.3310, 0.3340



Tritanopia

85.3500, 0.3083, 0.3103

Trichromacy



Original Color

85.3727, 0.3258, 0.3495

Protanomaly

85.4441, 0.3293, 0.3494

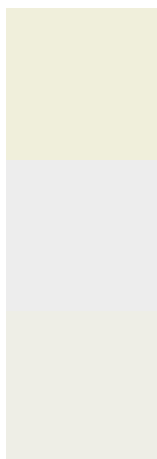
Deuteranomaly

85.1769, 0.3293, 0.3391

Tritanomaly

85.3965, 0.3143, 0.3240

Monochromacy



Original Color

85.3727, 0.3258, 0.3495

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 85.3727, 0.3258, 0.3495 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(240, 239, 219)` looks like.

```
.text, #text, p{  
    color:rgb(240, 239, 219)  
}
```

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(240, 239, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 239, 219) }
```

Border

The CSS property to change the border of an element to Yxy 85.3727, 0.3258, 0.3495 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(240, 239, 219) }
```

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

```
.border{ border-color:rgb(240, 239, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 239, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 239, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 239, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 239,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3727, 0.3258, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 239, 219) }
```

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

```
.background{ background-color: rgb(240,  
239, 219) }
```

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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