

Converting Colors

$Yxy(85.4099, 0.3189, 0.3543)$

Have a look what the booklet for
Yxy(85.4099, 0.3189, 0.3543)
contains.

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Color

Yxy(85.2242, 0.3188, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	E5F2DA
RGB	229, 242, 218
RGB Percent	90%, 95%, 85%
CMY	0.1018, 0.0510, 0.1451
CMYK	0.05, 0.00, 0.10, 0.05
HSL	92°, 48%, 90%
HSV	92°, 10%, 95%
XYZ	76.7283, 85.2242, 78.7259
YIQ	235.3770, -0.0440, -10.2200

Conversions

Conversions Part 2

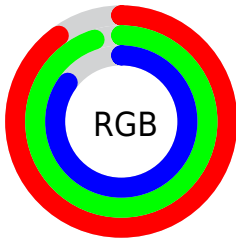
Format	Color
R _Y B	218, 242, 231
Decimal	15069914
CIE Lab	93.98, -8.49, 10.11
CIE LCh	94, 13.204, 130.016
Yxy	85.2242, 0.3188, 0.3541
Android (android.graphics.Color)	4293259994 (0xFFE5F2DA)
YUV	235.3770, -8.5669, -5.5926
Hunter-Lab	92.3170, -13.1963, 14.0606

Details

The Yxy color **85.2242, 0.3188, 0.3541** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.5262, 0.3061, 0.3040**, and the grayscale version is **83.4527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6464, 0.3197, 0.3601** is the 20% darker color. If you saturate the color by 10%, you get **81.9838, 0.3248, 0.3816**, and if you desaturate by 10%, it is **88.8185, 0.3127, 0.3288**.

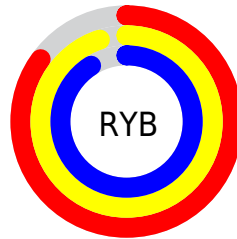
Distribution



Red (90%)

Green (95%)

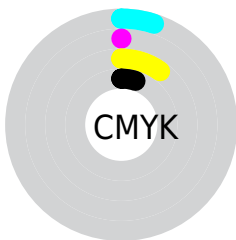
Blue (85%)



Red (85%)

Yellow (95%)

Blue (91%)

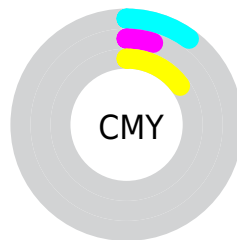


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (10%)


Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.2242, 0.3188, 0.3541 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 85.2242, 0.3188, 0.3541 by changing the saturation by 10% instead.

 85.2242, 0.3188,
0.3541

 85.2242, 0.3188,
0.3541

512.3696, 0.3161,
0.3426

 64.0266, 0.3194,
0.3567


140.6864, 0.3179,
0.3502

 46.6723, 0.3201,
0.3599


175.7198, 0.3176,
0.3486

 32.7766, 0.3209,
0.3639


216.1339, 0.3172,
0.3473

 21.9554, 0.3220,
0.3690

262.3132, 0.3170,
0.3461

 13.8241, 0.3233,
0.3760

314.6420, 0.3167,
0.3451

 7.9984, 0.3251,
0.3859

373.5048, 0.3165,

 4.0940, 0.3276,

0.3442

0.4011

439.2859, 0.3163,
0.3434

■ 1.7263, 0.3310,
0.4270

■ 0.4406, 0.3243,
0.6757

■ 85.2242, 0.3188,
0.3541

■ 85.2242, 0.3188,
0.3541

■ 81.9838, 0.3248,
0.3816

■ 88.8185, 0.3127,
0.3288

■ 79.0747, 0.3305,
0.4110

■ 91.9817, 0.3133,
0.3165

■ 76.4885, 0.3354,
0.4415

■ 74.2120, 0.3391,
0.4721

■ 72.2311, 0.3413,
0.5014

■ 70.5305, 0.3416,
0.5277

■ 69.0928, 0.3397,
0.5494

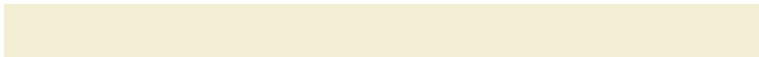
■ 67.8980, 0.3357,
0.5654

■ 66.9159, 0.3303,
0.5759

Harmonies

Analogous

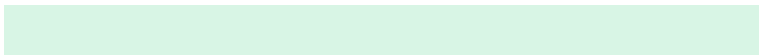
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2242, 0.3326, 0.3550



85.2242, 0.3188, 0.3541



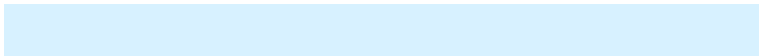
85.2242, 0.3037, 0.3459

Triad

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



85.2242, 0.3188, 0.3541



85.2242, 0.2850, 0.3086



85.2242, 0.3346, 0.3246

Complementary

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



85.2242, 0.3188, 0.3541



73.5262, 0.3061, 0.3040

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.



85.2242, 0.3214, 0.3129



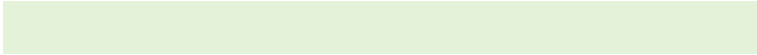
85.2242, 0.3188, 0.3541



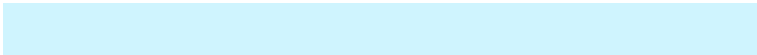
85.2242, 0.2929, 0.3037

Square

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



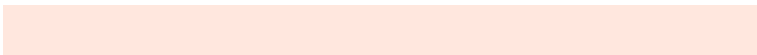
85.2242, 0.3188, 0.3541



85.2242, 0.2844, 0.3192



85.2242, 0.3061, 0.3053



85.2242, 0.3419, 0.3377

Rectangle

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



85.2242, 0.3188, 0.3541



85.2242, 0.2948, 0.3376



85.2242, 0.3061, 0.3053



85.2242, 0.3307, 0.3204

Sweetspot

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



85.2279, 0.3188, 0.3541



98.7426, 0.3146, 0.3364



80.9732, 0.3288, 0.3422



21.0643, 0.3151, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

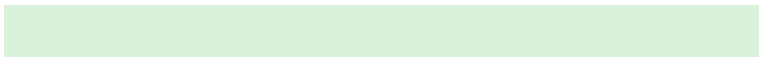
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2279, 0.3188, 0.3541



95.1855, 0.3201, 0.3597



83.5085, 0.3110, 0.3538



18.0129, 0.3185, 0.3529



36.0247, 0.3314, 0.5751



3.0554, 0.3416, 0.5670

Inverse Universe

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



73.5262, 0.3061, 0.3040



79.4316, 0.3046, 0.2984



75.3755, 0.3144, 0.3054



15.6488, 0.3064, 0.3052



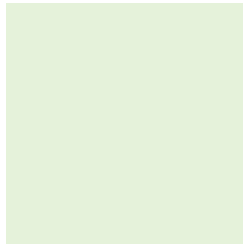
6.1002, 0.2103, 0.0932



0.5666, 0.2240, 0.1008

Previews

White Background



This preview shows how the Yxy color 85.2242, 0.3188, 0.3541 looks on a white background.

Color Contrast Check

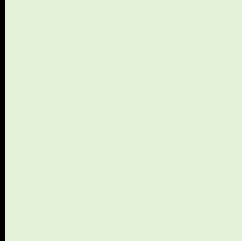
Large Text (above 18pt) WCAG AA × Fail

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 85.2242, 0.3188, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

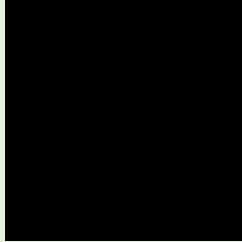
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

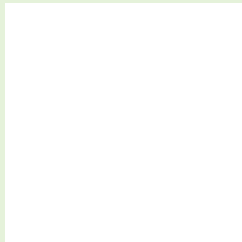
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2242, 0.3188, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 85.2242, 0.3188, 0.3541.

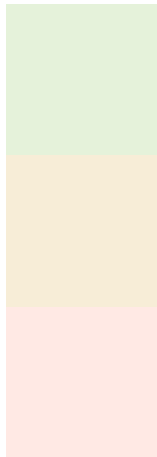


This preview shows how white text looks on a background with the Yxy color 85.2242, 0.3188, 0.3541.

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

85.2242, 0.3188, 0.3541

Protanopia

85.2488, 0.3335, 0.3513

Deuteranopia

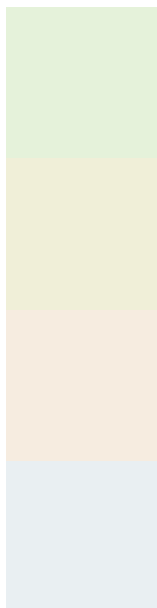
85.1393, 0.3310, 0.3340



Tritanopia

85.4505, 0.3006, 0.3110

Trichromacy



Original Color

85.2242, 0.3188, 0.3541

Protanomaly

85.2161, 0.3277, 0.3526

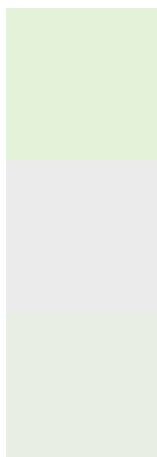
Deuteranomaly

84.9656, 0.3271, 0.3412

Tritanomaly

85.4674, 0.3070, 0.3259

Monochromacy



Original Color

85.2242, 0.3188, 0.3541

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

84.1299, 0.3149, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2242, 0.3188, 0.3541 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(229, 242, 218)` looks like.

```
.text, #text, p{  
    color:rgb(229, 242, 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(229, 242, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 242, 218) }
```

Border

The CSS property to change the border of an element to Yxy 85.2242, 0.3188, 0.3541 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(229, 242, 218) }
```

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

```
.border{ border-color:rgb(229, 242, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 242, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 242, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 242, 218);  
box-shadow:4px 4px 4px 4px rgb(229, 242,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2242, 0.3188, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 242, 218) }
```

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

```
.background{ background-color: rgb(229,  
242, 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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