

Converting Colors

$Yxy(85.4221, 0.3123, 0.3419)$

Have a look what the booklet for
Yxy(85.4221, 0.3123, 0.3419)
contains.

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Color

Yxy(85.2258, 0.3121, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	E5F1E5
RGB	229, 241, 229
RGB Percent	90%, 95%, 90%
CMY	0.1020, 0.0549, 0.1018
CMYK	0.05, 0.00, 0.05, 0.05
HSL	120°, 30%, 92%
HSV	120°, 5%, 95%
XYZ	77.9115, 85.2258, 86.4989
YIQ	236.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

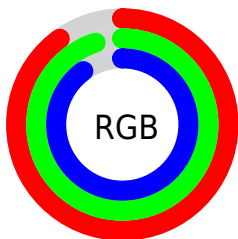
Format	Color
R _Y B	229, 241, 241
Decimal	15069669
CIE Lab	93.98, -6.11, 4.39
CIE LCh	94, 7.526, 144.311
Yxy	85.2258, 0.3121, 0.3414
Android (android.graphics.Color)	4293259749 (0xFFE5F1E5)
YUV	236.0440, -3.4727, -6.1776
Hunter-Lab	92.3178, -10.9114, 9.0696

Details

The Yxy color **85.2258, 0.3121, 0.3414** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.0806, 0.3133, 0.3169**, and the grayscale version is **83.9473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.7526, 0.3120, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **80.2872, 0.3107, 0.3689**, and if you desaturate by 10%, it is **90.9074, 0.3133, 0.3174**.

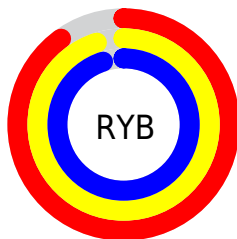
Distribution



Red (90%)

Green (95%)

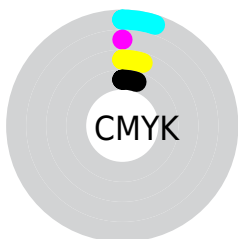
Blue (90%)



Red (90%)

Yellow (95%)

Blue (95%)

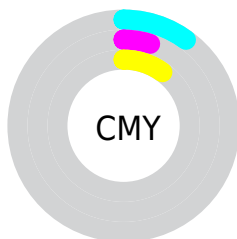


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (10%)


Magenta (5%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2258, 0.3121, 0.3414 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 85.2258, 0.3121, 0.3414 by changing the saturation by 10% instead.

 85.2258, 0.3121,
0.3414

 85.2258, 0.3121,
0.3414

512.3749, 0.3124,
0.3358

 64.0280, 0.3120,
0.3427


140.6886, 0.3122,
0.3395

 46.6733, 0.3119,
0.3442


175.7224, 0.3123,
0.3387

 32.7775, 0.3118,
0.3462

216.1369, 0.3123,
0.3381

 21.9560, 0.3117,
0.3487

262.3166, 0.3123,
0.3375

 13.8246, 0.3114,
0.3520

314.6459, 0.3123,
0.3370

 7.9988, 0.3111,
0.3568

373.5091, 0.3124,

 4.0942, 0.3105,

0.3365

0.3641

439.2906, 0.3124,
0.3361

■ 1.7264, 0.3094,
0.3765

■ 0.4406, 0.3053,
0.4990

■ 85.2258, 0.3121,
0.3414

■ 85.2258, 0.3121,
0.3414

■ 80.2872, 0.3107,
0.3689

■ 90.9074, 0.3133,
0.3174

■ 76.0504, 0.3092,
0.3999

■ 91.3946, 0.3133,
0.3156

■ 72.4870, 0.3076,
0.4338

■ 69.5622, 0.3059,
0.4697

■ 67.2385, 0.3042,
0.5054

■ 65.4740, 0.3026,
0.5386

■ 64.2217, 0.3014,
0.5662

■ 63.4270, 0.3005,
0.5860

■ 63.0226, 0.3001,
0.5969

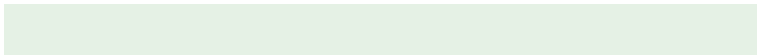
Harmonies

Analogous

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



85.2258, 0.3206, 0.3440



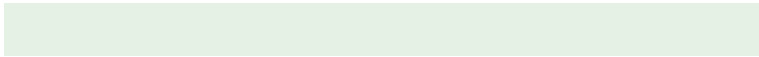
85.2258, 0.3121, 0.3414



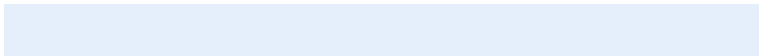
85.2258, 0.3039, 0.3353

Triad

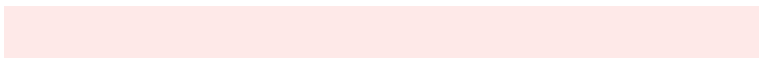
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2258, 0.3121, 0.3414



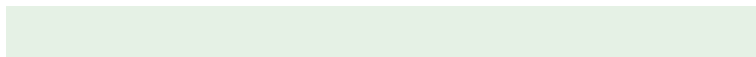
85.2258, 0.2985, 0.3156



85.2258, 0.3276, 0.3302

Complementary

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



85.2258, 0.3121, 0.3414



81.0806, 0.3133, 0.3169

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.



85.2258, 0.3216, 0.3228



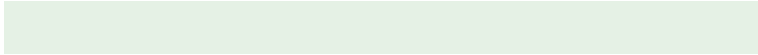
85.2258, 0.3121, 0.3414



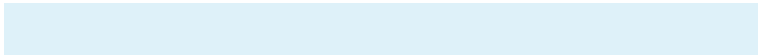
85.2258, 0.3047, 0.3144

Square

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



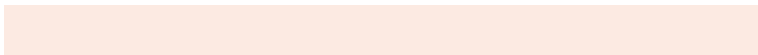
85.2258, 0.3121, 0.3414



85.2258, 0.2961, 0.3203



85.2258, 0.3132, 0.3171



85.2258, 0.3297, 0.3374

Rectangle

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



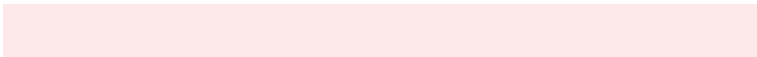
85.2258, 0.3121, 0.3414



85.2258, 0.2996, 0.3302



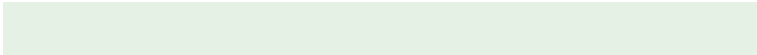
85.2258, 0.3132, 0.3171



85.2258, 0.3260, 0.3276

Sweetspot

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



85.2295, 0.3121, 0.3414



99.3571, 0.3126, 0.3314



87.2729, 0.3201, 0.3412



21.2733, 0.3126, 0.3313



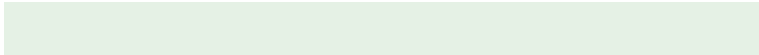
0.0000, 0.0000, 0.0000



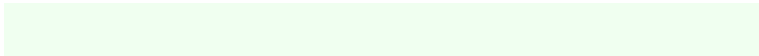
21.4041, 0.3127, 0.3290

Same Dimension

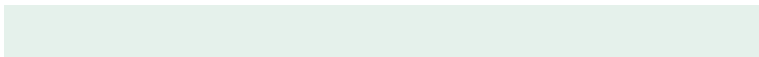
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2295, 0.3121, 0.3414



96.2702, 0.3120, 0.3441



85.5681, 0.3085, 0.3352



17.9650, 0.3119, 0.3457



34.1168, 0.2999, 0.5997



2.8386, 0.2997, 0.5990

Inverse Universe

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



81.0806, 0.3133, 0.3169



90.6194, 0.3134, 0.3144



80.7304, 0.3171, 0.3229



16.8035, 0.3135, 0.3129



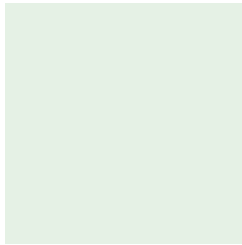
13.5515, 0.3220, 0.1548



1.1277, 0.3219, 0.1547

Previews

White Background



This preview shows how the Yxy color 85.2258, 0.3121, 0.3414 looks on a white background.

Color Contrast Check

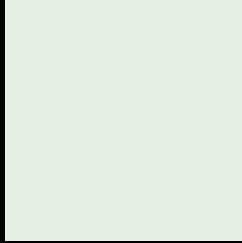
Large Text (above 18pt) WCAG AA × Fail

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 85.2258, 0.3121, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

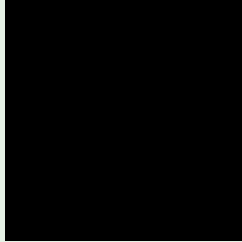
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

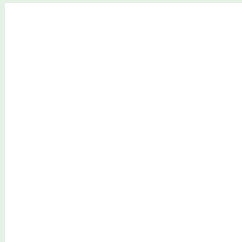
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2258, 0.3121, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 85.2258, 0.3121, 0.3414.

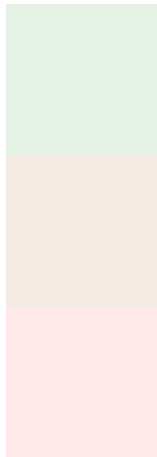


This preview shows how white text looks on a background with the Yxy color 85.2258, 0.3121, 0.3414.

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

85.2258, 0.3121, 0.3414

Protanopia

84.7701, 0.3238, 0.3381

Deuteranopia

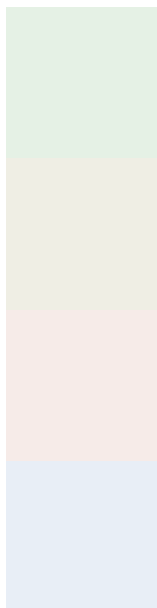
84.8564, 0.3279, 0.3281



Tritanopia

85.1120, 0.2993, 0.3109

Trichromacy



Original Color

85.2258, 0.3121, 0.3414

Protanomaly

85.1012, 0.3196, 0.3392

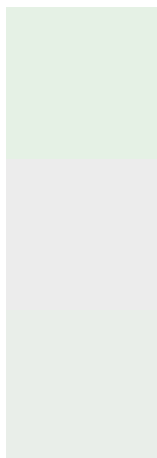
Deuteranomaly

84.8357, 0.3220, 0.3320

Tritanomaly

84.9587, 0.3040, 0.3209

Monochromacy



Original Color

85.2258, 0.3121, 0.3414

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.3559, 0.3125, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2258, 0.3121, 0.3414 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, 241, 229)` looks like.

```
.text, #text, p{  
    color:rgb(229, 241, 229)  
}
```

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, 241, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 241, 229) }
```

Border

The CSS property to change the border of an element to Yxy 85.2258, 0.3121, 0.3414 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, 241, 229) }
```

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

```
.border{ border-color:rgb(229, 241, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 241, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 241, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 241, 229);  
box-shadow:4px 4px 4px 4px rgb(229, 241,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2258, 0.3121, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 241, 229) }
```

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

```
.background{ background-color: rgb(229,  
241, 229) }
```

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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