

Converting Colors

$Yxy(84.9309, 0.3035, 0.3321)$

Have a look what the booklet for
Yxy(84.9309, 0.3035, 0.3321)
contains.

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Color

Yxy(84.9309, 0.3035, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	E0F1EE
RGB	224, 241, 238
RGB Percent	88%, 95%, 93%
CMY	0.1218, 0.0548, 0.0667
CMYK	0.07, 0.00, 0.01, 0.05
HSL	169°, 38%, 91%
HSV	169°, 7%, 95%
XYZ	77.6168, 84.9309, 93.1913
YIQ	235.5750, -9.1690, -4.5370

Conversions

Conversions Part 2

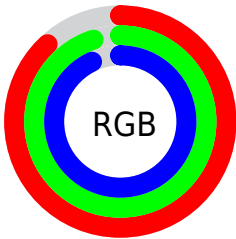
Format	Color
R_{YB}	224, 233, 241
Decimal	14741998
CIE _{Lab}	93.85, -6.16, -0.49
CIE _{LCh}	94, 6.175, 184.528
Yxy	84.9309, 0.3035, 0.3321
Android (android.graphics.Color)	4292932078 (0xFFE0F1EE)
YUV	235.5750, 1.1955, -10.1513
Hunter-Lab	92.1580, -10.9412, 4.5558

Details

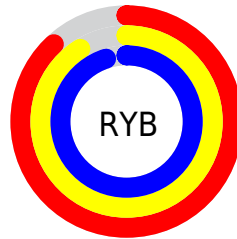
The Yxy color **84.9309, 0.3035, 0.3321** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.5337, 0.3228, 0.3259**, and the grayscale version is **83.5315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5103, 0.3018, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **81.1061, 0.2910, 0.3369**, and if you desaturate by 10%, it is **89.3146, 0.3166, 0.3278**.

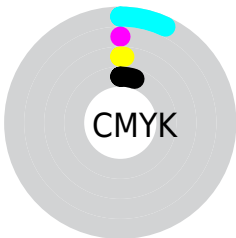
Distribution



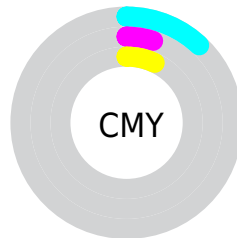
- Red (88%)
- Green (95%)
- Blue (93%)



- Red (88%)
- Yellow (91%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)





- Cyan (12%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.9309, 0.3035, 0.3321 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 84.9309, 0.3035, 0.3321 by changing the saturation by 10% instead.

 84.9309, 0.3035,
0.3321

 84.9309, 0.3035,
0.3321


511.3994, 0.3076,
0.3307

 63.7843, 0.3026,
0.3324

140.2766, 0.3049,
0.3316

 46.4760, 0.3015,
0.3328

175.2445, 0.3055,
0.3314

 32.6216, 0.3000,
0.3332


215.5883, 0.3060,
0.3313

 21.8367, 0.2982,
0.3338

261.6924, 0.3064,
0.3311

 13.7370, 0.2958,
0.3346

313.9411, 0.3068,
0.3310

 7.9380, 0.2925,
0.3357

372.7190, 0.3071,

 4.0553, 0.2874,

0.3309

0.3374

438.4102, 0.3074,
0.3308

■ 1.7045, 0.2790,
0.3401

■ 0.4266, 0.2162,
0.3614

■ 84.9309, 0.3035,
0.3321

■ 84.9309, 0.3035,
0.3321

■ 81.1061, 0.2910,
0.3369

■ 89.3146, 0.3166,
0.3278

■ 77.8065, 0.2792,
0.3420

■ 90.8678, 0.3185,
0.3237

■ 75.0113, 0.2686,
0.3476

■ 91.1333, 0.3159,
0.3196

■ 72.6939, 0.2594,
0.3535

■ 91.4018, 0.3133,
0.3156

■ 70.8256, 0.2518,
0.3597

■ 69.3742, 0.2461,
0.3660

■ 68.3034, 0.2424,
0.3725

■ 67.5707, 0.2407,
0.3789

■ 67.1211, 0.2407,
0.3852

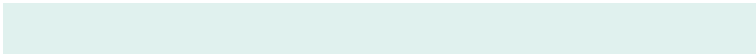
Harmonies

Analogous

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



84.9309, 0.3098, 0.3377



84.9309, 0.3035, 0.3321



84.9309, 0.2997, 0.3257

Triad

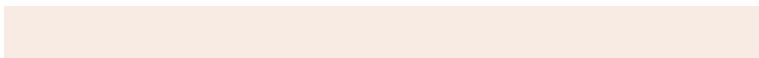
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9309, 0.3035, 0.3321



84.9309, 0.3084, 0.3174



84.9309, 0.3263, 0.3376

Complementary

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



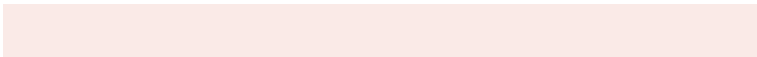
84.9309, 0.3035, 0.3321



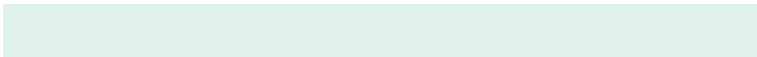
77.5337, 0.3228, 0.3259

Split Complementary

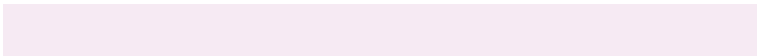
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.9309, 0.3259, 0.3321



84.9309, 0.3035, 0.3321



84.9309, 0.3156, 0.3205

Square

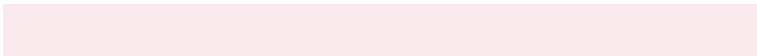
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.9309, 0.3035, 0.3321



84.9309, 0.3025, 0.3173



84.9309, 0.3220, 0.3259



84.9309, 0.3230, 0.3409

Rectangle

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



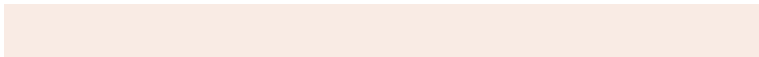
84.9309, 0.3035, 0.3321



84.9309, 0.2990, 0.3219



84.9309, 0.3220, 0.3259



84.9309, 0.3266, 0.3360

Sweetspot

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



84.9345, 0.3035, 0.3321



98.9876, 0.3101, 0.3299



84.6450, 0.3139, 0.3468



21.1980, 0.3102, 0.3298



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.



84.9345, 0.3035, 0.3321



96.1040, 0.3023, 0.3325



81.9606, 0.3018, 0.3234



17.8782, 0.3004, 0.3332



36.3540, 0.2406, 0.3860



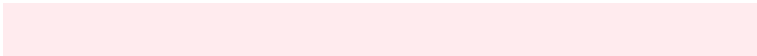
3.0367, 0.2382, 0.3776

Inverse Universe

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



77.5337, 0.3228, 0.3259



86.6331, 0.3242, 0.3255



80.3192, 0.3243, 0.3346



15.8045, 0.3265, 0.3248



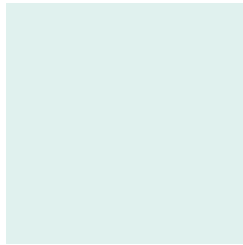
10.2478, 0.6132, 0.3152



0.8654, 0.5793, 0.2965

Previews

White Background



This preview shows how the Yxy color 84.9309, 0.3035, 0.3321 looks on a white background.

Color Contrast Check

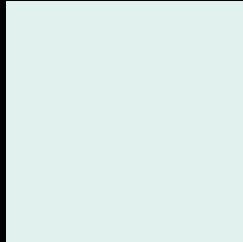
Large Text (above 18pt) WCAG AA × Fail

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 84.9309, 0.3035, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

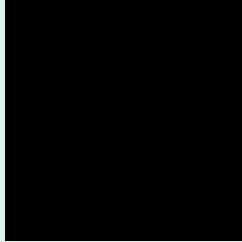
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

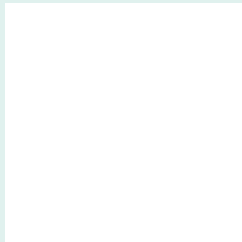
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.9309, 0.3035, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 84.9309, 0.3035, 0.3321.

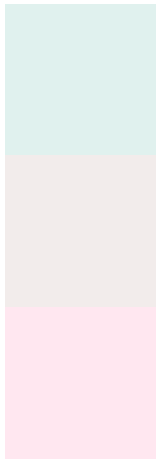


This preview shows how white text looks on a background with the Yxy color 84.9309, 0.3035, 0.3321.

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

84.9309, 0.3035, 0.3321

Protanopia

84.8663, 0.3174, 0.3300

Deuteranopia

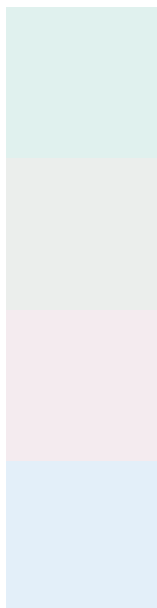
84.7031, 0.3234, 0.3202



Tritanopia

84.8631, 0.2962, 0.3117

Trichromacy



Original Color

84.9309, 0.3035, 0.3321

Protanomaly

84.8674, 0.3120, 0.3310

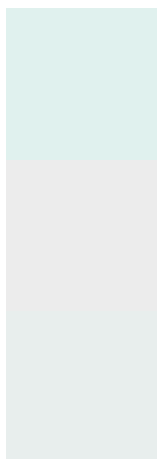
Deuteranomaly

84.8818, 0.3163, 0.3250

Tritanomaly

84.9035, 0.2990, 0.3188

Monochromacy



Original Color

84.9309, 0.3035, 0.3321

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.4193, 0.3094, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9309, 0.3035, 0.3321 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(224, 241, 238)` looks like.

```
.text, #text, p{  
    color:rgb(224, 241, 238)  
}
```

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(224, 241, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 241, 238) }
```

Border

The CSS property to change the border of an element to Yxy 84.9309, 0.3035, 0.3321 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(224, 241, 238) }
```

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

```
.border{ border-color:rgb(224, 241, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 241, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 241, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 241, 238);  
box-shadow:4px 4px 4px 4px rgb(224, 241,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9309, 0.3035, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 241, 238) }
```

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

```
.background{ background-color: rgb(224,  
241, 238) }
```

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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