

Converting Colors

Yxy(84.3735, 0.3040, 0.3401)

Have a look what the booklet for
Yxy(84.3735, 0.3040, 0.3401)
contains.

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Color

Yxy(84.3905, 0.3039, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	DBF2E8
RGB	219, 242, 232
RGB Percent	86%, 95%, 91%
CMY	0.1410, 0.0510, 0.0902
CMYK	0.09, 0.00, 0.04, 0.05
HSL	154°, 47%, 90%
HSV	154°, 9%, 95%
XYZ	75.5413, 84.3905, 88.6411
YIQ	233.9830, -10.4980, -7.9860

Conversions

Conversions Part 2

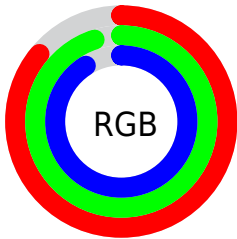
Format	Color
R _Y B	219, 234, 242
Decimal	14414568
CIE Lab	93.62, -9.35, 2.25
CIE LCh	94, 9.620, 166.461
Yxy	84.3905, 0.3039, 0.3395
Android (android.graphics.Color)	4292604648 (0xFFDBF2E8)
YUV	233.9830, -0.9776, -13.1401
Hunter-Lab	91.8643, -13.9795, 7.0953

Details

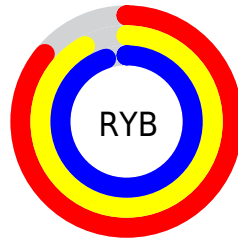
The Yxy color **84.3905, 0.3039, 0.3395** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.2281, 0.3225, 0.3187**, and the grayscale version is **82.2872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1449, 0.3022, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **80.3264, 0.2949, 0.3518**, and if you desaturate by 10%, it is **89.0434, 0.3132, 0.3285**.

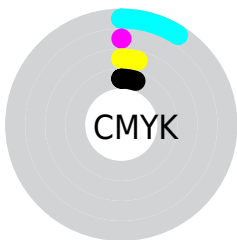
Distribution



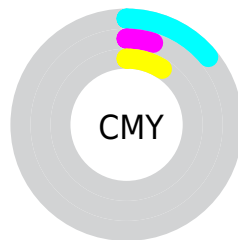
- Red (86%)
- Green (95%)
- Blue (91%)



- Red (86%)
- Yellow (92%)
- Blue (95%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)





- Cyan (14%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.3905, 0.3039, 0.3395 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 84.3905, 0.3039, 0.3395 by changing the saturation by 10% instead.


 84.3905, 0.3039,
0.3395

 84.3905, 0.3039,
0.3395


509.6091, 0.3079,
0.3347

 63.3379, 0.3030,
0.3406


139.5213, 0.3053,
0.3379

 46.1146, 0.3019,
0.3419


174.3683, 0.3058,
0.3372

 32.3363, 0.3005,
0.3435


214.5822, 0.3063,
0.3367

 21.6185, 0.2988,
0.3457

260.5474, 0.3067,
0.3362

 13.5768, 0.2964,
0.3485

312.6483, 0.3070,
0.3358

 7.8269, 0.2930,
0.3526

371.2692, 0.3074,

 3.9844, 0.2880,

0.3354

436.7947, 0.3076,
0.3350

0.3588

1.6648, 0.2794,
0.3693

0.4007, 0.1833,
0.4815

84.3905, 0.3039,
0.3395

84.3905, 0.3039,
0.3395

80.3264, 0.2949,
0.3518

89.0434, 0.3132,
0.3285

76.8164, 0.2864,
0.3654

91.8581, 0.3145,
0.3183

73.8382, 0.2788,
0.3802

91.9800, 0.3133,
0.3165

71.3639, 0.2723,
0.3960

■ 69.3632, 0.2674,
0.4126

■ 67.8019, 0.2643,
0.4298

■ 66.6416, 0.2632,
0.4471

■ 65.8363, 0.2641,
0.4641

■ 65.3140, 0.2669,
0.4804

Harmonies

Analogous

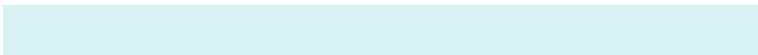
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3905, 0.3148, 0.3463



84.3905, 0.3039, 0.3395



84.3905, 0.2954, 0.3298

Triad

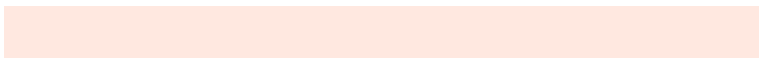
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3905, 0.3039, 0.3395



84.3905, 0.3000, 0.3103



84.3905, 0.3344, 0.3374

Complementary

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



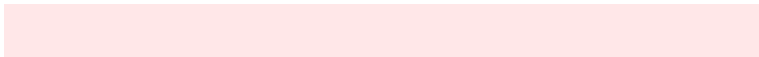
84.3905, 0.3039, 0.3395



75.2281, 0.3225, 0.3187

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.



84.3905, 0.3303, 0.3279



84.3905, 0.3039, 0.3395



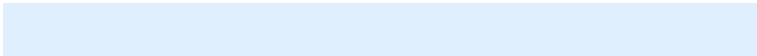
84.3905, 0.3103, 0.3124

Square

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



84.3905, 0.3039, 0.3395



84.3905, 0.2932, 0.3129



84.3905, 0.3214, 0.3189



84.3905, 0.3326, 0.3449

Rectangle

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



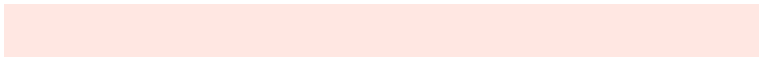
84.3905, 0.3039, 0.3395



84.3905, 0.2922, 0.3231



84.3905, 0.3214, 0.3189



84.3905, 0.3337, 0.3343

Sweetspot

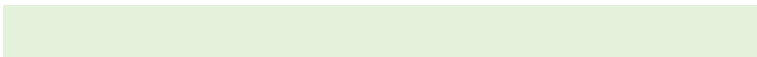
The Sweet Spot groups the original color and five complimentary colors.



84.3941, 0.3039, 0.3395



98.3648, 0.3099, 0.3322



85.3374, 0.3184, 0.3529



20.9628, 0.3092, 0.3331



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.



84.3941, 0.3039, 0.3395



94.2997, 0.3025, 0.3413



84.2984, 0.2981, 0.3278



17.8057, 0.3039, 0.3395



35.1047, 0.2663, 0.4786



2.9403, 0.2603, 0.4570

Inverse Universe

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



75.2281, 0.3225, 0.3187



82.4137, 0.3243, 0.3170



75.2857, 0.3292, 0.3302



15.8734, 0.3225, 0.3187



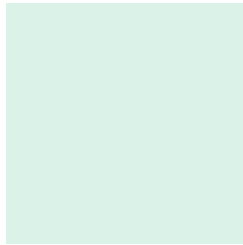
10.7214, 0.5228, 0.2653



0.9116, 0.4897, 0.2471

Previews

White Background



This preview shows how the Yxy color 84.3905, 0.3039, 0.3395 looks on a white background.

Color Contrast Check

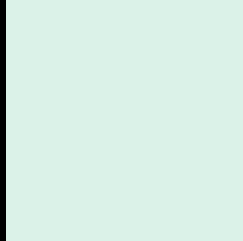
Large Text (above 18pt) WCAG AA × Fail

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 84.3905, 0.3039, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

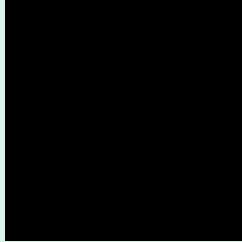
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

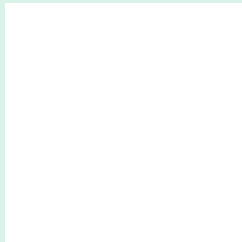
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.3905, 0.3039, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 84.3905, 0.3039, 0.3395.

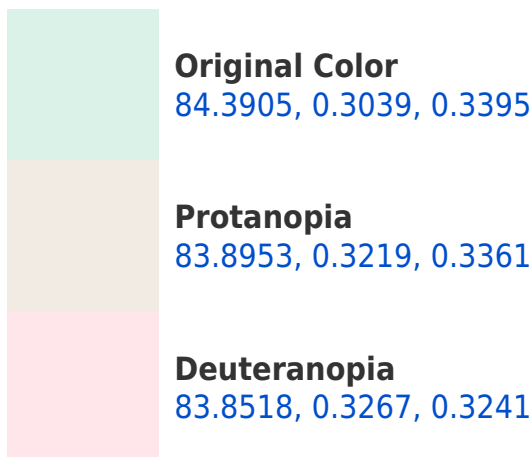


This preview shows how white text looks on a background with the Yxy color 84.3905, 0.3039, 0.3395.

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

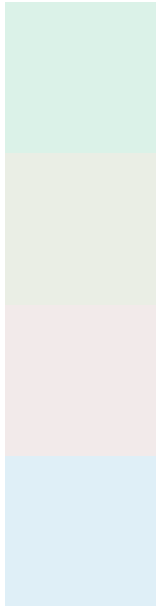




Tritanopia

84.3766, 0.2943, 0.3116

Trichromacy



Original Color

84.3905, 0.3039, 0.3395

Protanomaly

84.2986, 0.3156, 0.3383

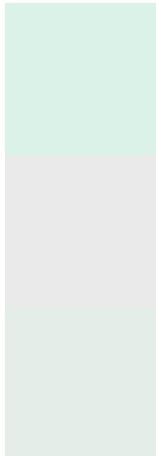
Deuteranomaly

83.6634, 0.3181, 0.3290

Tritanomaly

84.1364, 0.2977, 0.3207

Monochromacy



Original Color

84.3905, 0.3039, 0.3395

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.1096, 0.3099, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3905, 0.3039, 0.3395 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(219, 242, 232)` looks like.

```
.text, #text, p{  
    color:rgb(219, 242, 232)  
}
```

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(219, 242, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 242, 232) }
```

Border

The CSS property to change the border of an element to Yxy 84.3905, 0.3039, 0.3395 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(219, 242, 232) }
```

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

```
.border{ border-color:rgb(219, 242, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 242, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 242, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 242, 232);  
box-shadow:4px 4px 4px 4px rgb(219, 242,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3905, 0.3039, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 242, 232) }
```

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

```
.background{ background-color: rgb(219,  
242, 232) }
```

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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