

Converting Colors

$Yxy(74.8145, 0.2939, 0.3368)$

Have a look what the booklet for
Yxy(74.8145, 0.2939, 0.3368)
contains.

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Color

Yxy(75.0198, 0.2939, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	C5E8E1
RGB	197, 232, 225
RGB Percent	77%, 91%, 88%
CMY	0.2276, 0.0901, 0.1177
CMYK	0.15, 0.00, 0.03, 0.09
HSL	168°, 43%, 84%
HSV	168°, 15%, 91%
XYZ	65.4641, 75.0198, 82.2589
YIQ	220.7370, -18.6130, -9.5970

Conversions

Conversions Part 2

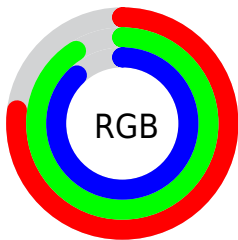
Format	Color
R_{YB}	197, 216, 232
Decimal	12970209
CIE _{Lab}	89.40, -12.76, -0.43
CIE _{LCh}	89, 12.765, 181.910
Yxy	75.0198, 0.2939, 0.3368
Android (android.graphics.Color)	4291160289 (0xFFC5E8E1)
YUV	220.7370, 2.1017, -20.8173
Hunter-Lab	86.6140, -16.6615, 4.3209

Details

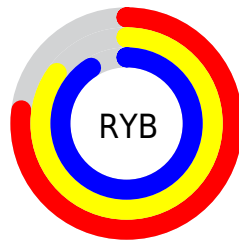
The Yxy color **75.0198, 0.2939, 0.3368** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.4313, 0.3355, 0.3214**, and the grayscale version is **72.1038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **39.7926, 0.2895, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **71.8788, 0.2823, 0.3426**, and if you desaturate by 10%, it is **78.6560, 0.3062, 0.3315**.

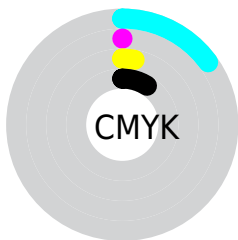
Distribution



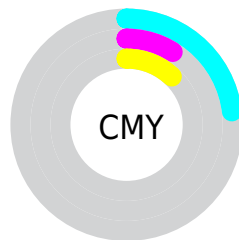
- Red (77%)
- Green (91%)
- Blue (88%)



- Red (77%)
- Yellow (85%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)





- Cyan (23%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0198, 0.2939, 0.3368 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 75.0198, 0.2939, 0.3368 by changing the saturation by 10% instead.

 75.0198, 0.2939,
0.3368

 75.0198, 0.2939,
0.3368


477.9856, 0.3026,
0.3332

 55.6291, 0.2919,
0.3376


126.3404, 0.2969,
0.3356

 39.9056, 0.2895,
0.3386

159.0391, 0.2981,
0.3351

 27.4650, 0.2865,
0.3399


196.9426, 0.2991,
0.3347

 17.9227, 0.2825,
0.3415

240.4352, 0.2999,
0.3343

 10.8945, 0.2771,
0.3437

289.9015, 0.3007,
0.3340

 5.9960, 0.2693,
0.3468


345.7257, 0.3014,

 2.8426, 0.2573,


0.3337


0.3517


408.2923, 0.3020,
0.3335

 1.0501, 0.2333,
0.3615


 0.0000, 0.0000,
0.0000

 75.0198, 0.2939,
0.3368


 75.0198, 0.2939,
0.3368


 71.8788, 0.2823,
0.3426

 78.6560, 0.3062,
0.3315


 69.2015, 0.2717,
0.3488

 82.7985, 0.3190,
0.3267

 66.9673, 0.2624,
0.3555

 85.2103, 0.3240,
0.3222

 65.1504, 0.2547,
0.3625

 85.4885, 0.3210,
0.3177

■ 63.7222, 0.2488,
0.3697

■ 85.7737, 0.3180,
0.3133

■ 62.6506, 0.2448,
0.3770

■ 86.0661, 0.3151,
0.3088

■ 61.8980, 0.2428,
0.3844

■ 86.2021, 0.3138,
0.3068

■ 61.4187, 0.2427,
0.3917

■ 61.2480, 0.2431,
0.3952

Harmonies

Analogous

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



75.0198, 0.3076, 0.3489



75.0198, 0.2939, 0.3368



75.0198, 0.2853, 0.3227

Triad

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



75.0198, 0.2939, 0.3368



75.0198, 0.3021, 0.3041



75.0198, 0.3424, 0.3463

Complementary

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



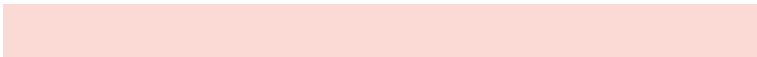
75.0198, 0.2939, 0.3368



61.4313, 0.3355, 0.3214

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.



75.0198, 0.3409, 0.3342



75.0198, 0.2939, 0.3368



75.0198, 0.3173, 0.3102

Square

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



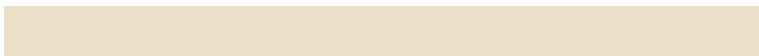
75.0198, 0.2939, 0.3368



75.0198, 0.2899, 0.3042



75.0198, 0.3317, 0.3211



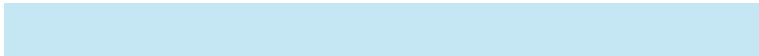
75.0198, 0.3357, 0.3542

Rectangle

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



75.0198, 0.2939, 0.3368



75.0198, 0.2835, 0.3143



75.0198, 0.3317, 0.3211



75.0198, 0.3429, 0.3426

Sweetspot

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



75.0229, 0.2939, 0.3368



97.4981, 0.3063, 0.3315



74.6674, 0.3160, 0.3687



20.7961, 0.3054, 0.3318



0.0000, 0.0000, 0.0000



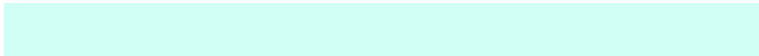
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0229, 0.2939, 0.3368



91.7319, 0.2903, 0.3385



69.9787, 0.2894, 0.3178



16.2843, 0.3008, 0.3337



34.0157, 0.2428, 0.3941



2.5263, 0.2398, 0.3834

Inverse Universe

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



61.4313, 0.3355, 0.3214



71.9873, 0.3410, 0.3198



65.7612, 0.3394, 0.3400



14.4150, 0.3261, 0.3243



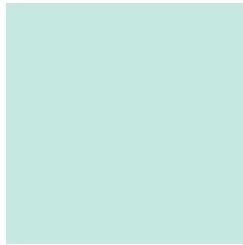
9.6501, 0.6069, 0.3117



0.7262, 0.5671, 0.2898

Previews

White Background



This preview shows how the Yxy color 75.0198, 0.2939, 0.3368 looks on a white background.

Color Contrast Check

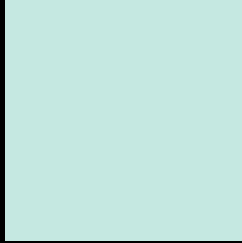
Large Text (above 18pt) WCAG AA × Fail

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 75.0198, 0.2939, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

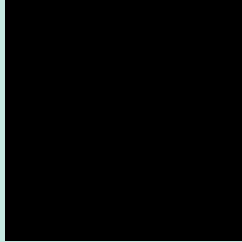
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

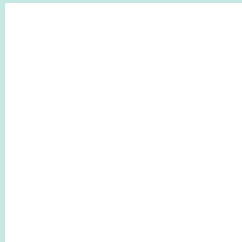
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0198, 0.2939, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 75.0198, 0.2939, 0.3368.

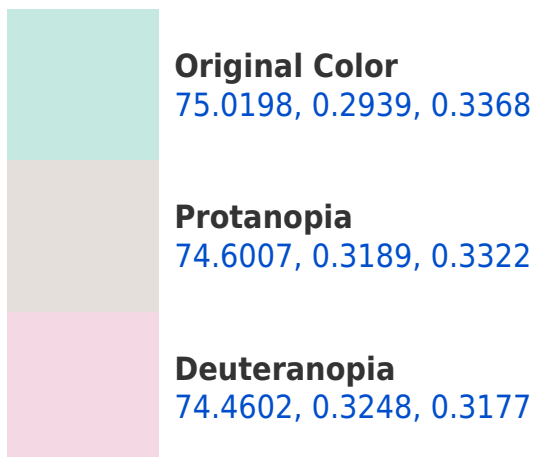


This preview shows how white text looks on a background with the Yxy color 75.0198, 0.2939, 0.3368.

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

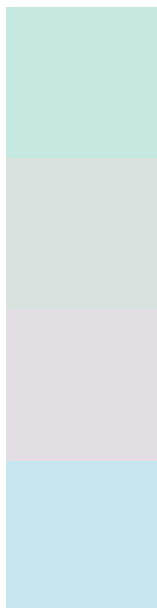




Tritanopia

75.1715, 0.2836, 0.3094

Trichromacy



Original Color

75.0198, 0.2939, 0.3368

Protanomaly

74.4184, 0.3091, 0.3333

Deuteranomaly

74.1195, 0.3130, 0.3237

Tritanomaly

75.1050, 0.2876, 0.3191

Monochromacy



Original Color

75.0198, 0.2939, 0.3368

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.1214, 0.3057, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0198, 0.2939, 0.3368 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(197, 232, 225)` looks like.

```
.text, #text, p{  
    color:rgb(197, 232, 225)  
}
```

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(197, 232, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 232, 225) }
```

Border

The CSS property to change the border of an element to Yxy 75.0198, 0.2939, 0.3368 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(197, 232, 225) }
```

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

```
.border{ border-color:rgb(197, 232, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 232, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 232, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 232, 225); box-shadow:4px 4px 4px 4px rgb(197, 232, 225) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.0198, 0.2939, 0.3368$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 232, 225) }
```

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

```
.background{ background-color: rgb(197,  
232, 225) }
```

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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