

Converting Colors

$Yxy(65.3711, 0.2741, 0.3091)$

Have a look what the booklet for
Yxy(65.3711, 0.2741, 0.3091)
contains.

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Color

Yxy(65.3711, 0.2741, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	B0DAEB
RGB	176, 218, 235
RGB Percent	69%, 85%, 92%
CMY	0.3098, 0.1451, 0.0785
CMYK	0.25, 0.07, 0.00, 0.08
HSL	197°, 60%, 81%
HSV	197°, 25%, 92%
XYZ	57.9690, 65.3711, 88.1484
YIQ	207.3800, -30.4890, -3.6170

Conversions

Conversions Part 2

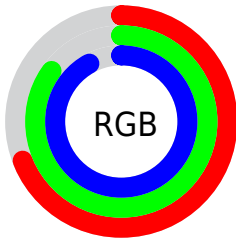
Format	Color
RYB	176, 201, 235
Decimal	11590379
CIELab	84.67, -9.92, -12.82
CIELCh	85, 16.213, 232.278
Yxy	65.3711, 0.2741, 0.3091
Android (android.graphics.Color)	4289780459 (0xFFB0DAEB)
YUV	207.3800, 13.6167, -27.5203
Hunter-Lab	80.8524, -13.5120, -8.0436

Details

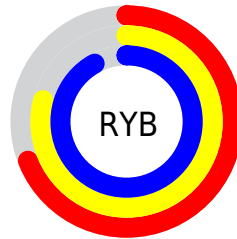
The Yxy color **65.3711, 0.2741, 0.3091** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.9251, 0.3612, 0.3480**, and the grayscale version is **62.5807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **33.5866, 0.2650, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **59.4304, 0.2593, 0.2999**, and if you desaturate by 10%, it is **71.9344, 0.2894, 0.3176**.

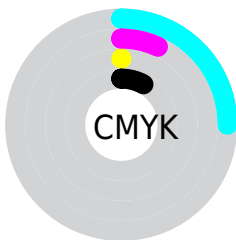
Distribution



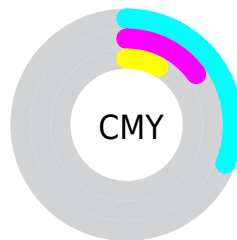
- Red (69%)
- Green (85%)
- Blue (92%)



- Red (69%)
- Yellow (79%)
- Blue (92%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (31%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3711, 0.2741, 0.3091 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 65.3711, 0.2741, 0.3091 by changing the saturation by 10% instead.

■ 65.3711, 0.2741,
0.3091

■ 65.3711, 0.2741,
0.3091

444.1243, 0.2921,
0.3187

■ 47.7621, 0.2700,
0.3068

■ 112.5832, 0.2804,
0.3125

■ 33.6385, 0.2649,
0.3039

142.9551, 0.2828,
0.3138

■ 22.6160, 0.2584,
0.3002

178.3500, 0.2849,
0.3149

■ 14.3102, 0.2499,
0.2953

219.1524, 0.2867,
0.3159

■ 8.3368, 0.2383,
0.2883

265.7466, 0.2883,
0.3167

■ 4.3112, 0.2217,
0.2778

318.5171, 0.2897,

■ 1.8491, 0.1959,

0.3175

0.2604

377.8482, 0.2910,
0.3181

0.5175, 0.1078,
0.2233

0.0000, 0.0000,
0.0000

65.3711, 0.2741,
0.3091

65.3711, 0.2741,
0.3091

59.4304, 0.2593,
0.2999

71.9344, 0.2894,
0.3176

54.0782, 0.2454,
0.2900

79.1367, 0.3048,
0.3253

49.2889, 0.2327,
0.2797

87.0034, 0.3202,
0.3323

45.0313, 0.2215,
0.2689

92.6006, 0.3253,
0.3388

■ 41.2705, 0.2122,
0.2580

■ 96.7699, 0.3247,
0.3453

■ 37.9660, 0.2049,
0.2470

■ 98.7774, 0.3244,
0.3483

■ 35.0687, 0.1996,
0.2362

■ 33.7613, 0.1975,
0.2309

Harmonies

Analogous

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



65.3711, 0.2791, 0.3264



65.3711, 0.2741, 0.3091



65.3711, 0.2790, 0.2980

Triad

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



65.3711, 0.2741, 0.3091



65.3711, 0.3323, 0.3134



65.3711, 0.3323, 0.3648

Complementary

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



65.3711, 0.2741, 0.3091



58.9251, 0.3612, 0.3480

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.



65.3711, 0.3473, 0.3599



65.3711, 0.2741, 0.3091



65.3711, 0.3474, 0.3301

Square

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



65.3711, 0.2741, 0.3091



65.3711, 0.3121, 0.3009



65.3711, 0.3529, 0.3470



65.3711, 0.3123, 0.3595

Rectangle

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



65.3711, 0.2741, 0.3091



65.3711, 0.2873, 0.2951



65.3711, 0.3529, 0.3470



65.3711, 0.3381, 0.3643

Sweetspot

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



65.3737, 0.2741, 0.3091



92.6445, 0.3003, 0.3232



72.4763, 0.2996, 0.3796



19.5460, 0.2980, 0.3220



0.0000, 0.0000, 0.0000



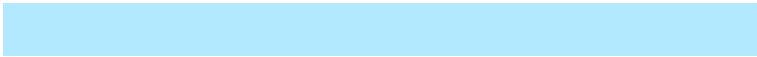
21.4041, 0.3127, 0.3290

Same Dimension

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



65.3737, 0.2741, 0.3091



75.0103, 0.2666, 0.3046



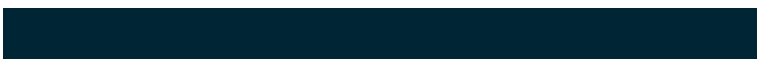
51.5280, 0.2709, 0.2735



16.3467, 0.2981, 0.3221



19.0214, 0.1980, 0.2326



1.6570, 0.2021, 0.2476

Inverse Universe

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



53.7726, 0.3293, 0.2836



59.1821, 0.3334, 0.2742



73.1464, 0.3537, 0.3790



15.2355, 0.3182, 0.3124



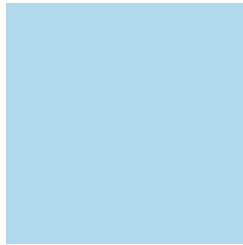
11.4130, 0.4099, 0.2032



0.9127, 0.3947, 0.1948

Previews

White Background



This preview shows how the Yxy color 65.3711, 0.2741, 0.3091 looks on a white background.

Color Contrast Check

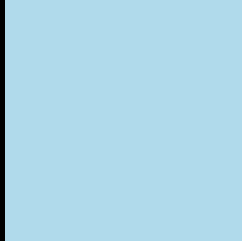
Large Text (above 18pt) WCAG AA × Fail

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 65.3711, 0.2741, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

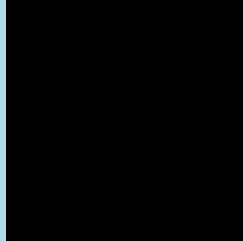
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3711, 0.2741, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 65.3711, 0.2741, 0.3091.

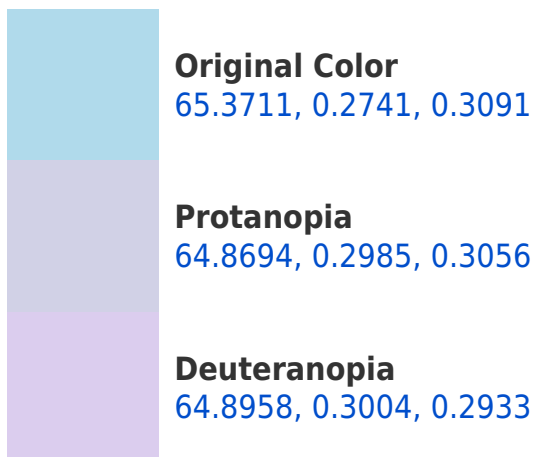


This preview shows how white text looks on a background with the Yxy color 65.3711, 0.2741, 0.3091.

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

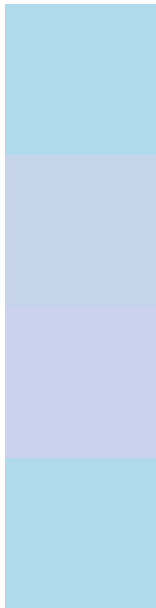




Tritanopia

65.3711, 0.2741, 0.3091

Trichromacy



Original Color

65.3711, 0.2741, 0.3091

Protanomaly

64.7835, 0.2890, 0.3062

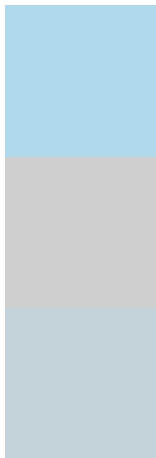
Deuteranomaly

64.9041, 0.2899, 0.2988

Tritanomaly

65.3711, 0.2741, 0.3091

Monochromacy



Original Color

65.3711, 0.2741, 0.3091

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3340, 0.2978, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3711, 0.2741, 0.3091 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(176, 218, 235)` looks like.

```
.text, #text, p{  
    color:rgb(176, 218, 235)  
}
```

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(176, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 218, 235) }
```

Border

The CSS property to change the border of an element to Yxy 65.3711, 0.2741, 0.3091 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(176, 218, 235) }
```

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

```
.border{ border-color:rgb(176, 218, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 218, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(176, 218,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3711, 0.2741, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 218, 235) }
```

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

```
.background{ background-color: rgb(176,  
218, 235) }
```

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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