

Converting Colors

$Yxy(67.9253, 0.2707, 0.3073)$

Have a look what the booklet for
Yxy(67.9253, 0.2707, 0.3073)
contains.

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Color

Yxy(67.7074, 0.2706, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	AFDEF1
RGB	175, 222, 241
RGB Percent	69%, 87%, 95%
CMY	0.3137, 0.1294, 0.0548
CMYK	0.27, 0.08, 0.00, 0.05
HSL	197°, 70%, 82%
HSV	197°, 27%, 95%
XYZ	59.6796, 67.7074, 93.1583
YIQ	210.1130, -34.1110, -4.0550

Conversions

Conversions Part 2

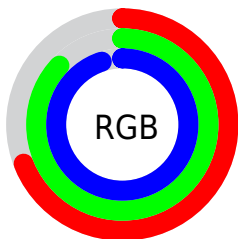
Format	Color
R _Y B	175, 202, 241
Decimal	11525873
CIE Lab	85.86, -10.90, -14.25
CIE LCh	86, 17.937, 232.585
Yxy	67.7074, 0.2706, 0.3070
Android (android.graphics.Color)	4289715953 (0xFFAFDEF1)
YUV	210.1130, 15.2273, -30.7941
Hunter-Lab	82.2845, -14.5349, -9.5260

Details

The Yxy color **67.7074, 0.2706, 0.3070** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.3917, 0.3669, 0.3499**, and the grayscale version is **64.4438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **35.2052, 0.2609, 0.3015** is the 20% darker color. If you saturate the color by 10%, you get **61.5529, 0.2560, 0.2976**, and if you desaturate by 10%, it is **74.5169, 0.2858, 0.3157**.

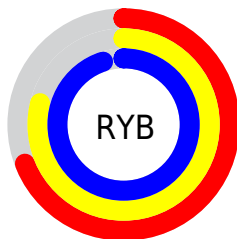
Distribution



Red (69%)

Green (87%)

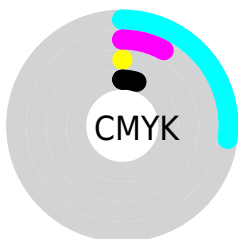
Blue (95%)



Red (69%)

Yellow (79%)

Blue (95%)

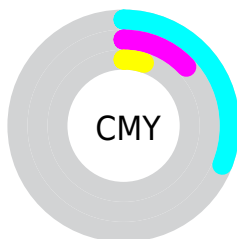


Cyan (27%)

Magenta (8%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7074, 0.2706, 0.3070 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 67.7074, 0.2706, 0.3070 by changing the saturation by 10% instead.

■ 67.7074, 0.2706,
0.3070

■ 67.7074, 0.2706,
0.3070

452.4586, 0.2901,
0.3176

■ 49.6597, 0.2662,
0.3045

■ 115.9335, 0.2773,
0.3107

■ 35.1431, 0.2607,
0.3014

146.8806, 0.2800,
0.3122

■ 23.7731, 0.2538,
0.2974

182.8964, 0.2822,
0.3134

■ 15.1654, 0.2449,
0.2920

224.3653, 0.2842,
0.3144

■ 8.9356, 0.2328,
0.2845

271.6715, 0.2859,
0.3154

■ 4.6992, 0.2156,
0.2734

325.1995, 0.2875,

■ 2.0719, 0.1894,

0.3162

0.2553

385.3338, 0.2888,
0.3169

0.6487, 0.1206,
0.2232

0.0000, 0.0000,
0.0000

67.7074, 0.2706,
0.3070

67.7074, 0.2706,
0.3070

61.5529, 0.2560,
0.2976

74.5169, 0.2858,
0.3157

56.0171, 0.2423,
0.2876

81.9996, 0.3013,
0.3236

51.0718, 0.2299,
0.2771

90.1828, 0.3167,
0.3308

46.6831, 0.2191,
0.2663

95.8438, 0.3212,
0.3375

■ 42.8126, 0.2102,
0.2553

■ 99.1322, 0.3208,
0.3424

■ 39.4156, 0.2034,
0.2443

■ 36.4338, 0.1985,
0.2335

■ 35.7015, 0.1974,
0.2307

Harmonies

Analogous

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



67.7074, 0.2760, 0.3258



67.7074, 0.2706, 0.3070



67.7074, 0.2760, 0.2950

Triad

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



67.7074, 0.2706, 0.3070



67.7074, 0.3343, 0.3122



67.7074, 0.3338, 0.3683

Complementary

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



67.7074, 0.2706, 0.3070



60.3917, 0.3669, 0.3499

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.



67.7074, 0.3504, 0.3629



67.7074, 0.2706, 0.3070



67.7074, 0.3508, 0.3303

Square

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



67.7074, 0.2706, 0.3070



67.7074, 0.3122, 0.2985



67.7074, 0.3567, 0.3487



67.7074, 0.3120, 0.3624

Rectangle

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



67.7074, 0.2706, 0.3070



67.7074, 0.2851, 0.2921



67.7074, 0.3567, 0.3487



67.7074, 0.3402, 0.3677

Sweetspot

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



67.7101, 0.2706, 0.3070



92.6418, 0.3003, 0.3231



75.9192, 0.2984, 0.3850



19.5453, 0.2980, 0.3220



0.0000, 0.0000, 0.0000



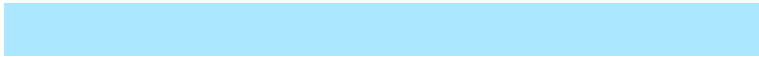
21.4041, 0.3127, 0.3290

Same Dimension

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



67.7101, 0.2706, 0.3070



72.8780, 0.2622, 0.3017



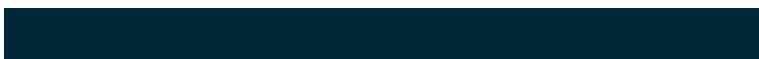
51.9925, 0.2666, 0.2675



17.1147, 0.2981, 0.3220



19.5988, 0.1979, 0.2324



1.8000, 0.2019, 0.2467

Inverse Universe

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



54.6386, 0.3311, 0.2792



56.0851, 0.3360, 0.2686



76.5832, 0.3578, 0.3837



15.9492, 0.3182, 0.3123



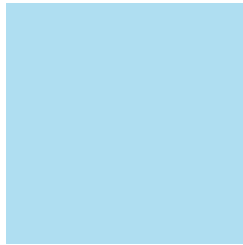
11.7719, 0.4101, 0.2033



0.9964, 0.3956, 0.1953

Previews

White Background



This preview shows how the Yxy color 67.7074, 0.2706, 0.3070 looks on a white background.

Color Contrast Check

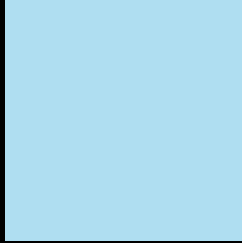
Large Text (above 18pt) WCAG AA × Fail

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 67.7074, 0.2706, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

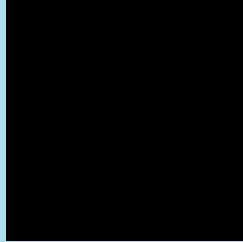
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.7074, 0.2706, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 67.7074, 0.2706, 0.3070.

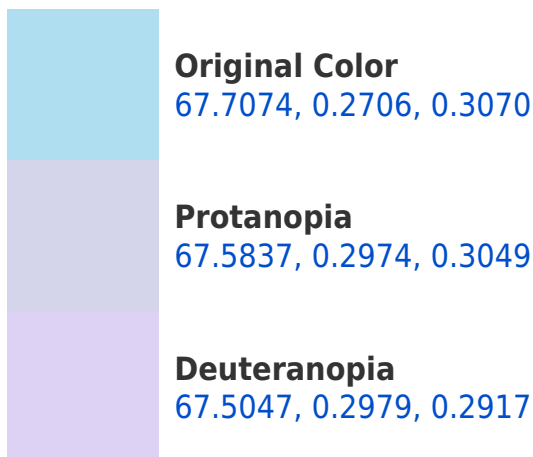


This preview shows how white text looks on a background with the Yxy color 67.7074, 0.2706, 0.3070.

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

67.6478, 0.2712, 0.3081

Trichromacy



Original Color

67.7074, 0.2706, 0.3070

Protanomaly

67.3683, 0.2874, 0.3055

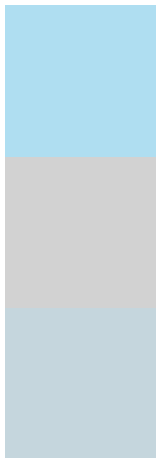
Deuteranomaly

67.4016, 0.2870, 0.2971

Tritanomaly

67.6478, 0.2712, 0.3081

Monochromacy



Original Color

67.7074, 0.2706, 0.3070

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.1839, 0.2960, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7074, 0.2706, 0.3070 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(175, 222, 241)` looks like.

```
.text, #text, p{  
    color:rgb(175, 222, 241)  
}
```

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(175, 222, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 222, 241) }
```

Border

The CSS property to change the border of an element to Yxy 67.7074, 0.2706, 0.3070 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(175, 222, 241) }
```

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

```
.border{ border-color:rgb(175, 222, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 222, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 222, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 222, 241);  
box-shadow:4px 4px 4px 4px rgb(175, 222,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7074, 0.2706, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 222, 241) }
```

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

```
.background{ background-color: rgb(175,  
222, 241) }
```

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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