

Converting Colors

$Yxy(71.0563, 0.2769, 0.3164)$

Have a look what the booklet for
Yxy(71.0563, 0.2769, 0.3164)
contains.

Yxy(71.0563, 0.2769, 0.3164)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.0563, 0.2769, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	B6E3EE
RGB	182, 227, 238
RGB Percent	71%, 89%, 93%
CMY	0.2865, 0.1097, 0.0666
CMYK	0.24, 0.05, 0.00, 0.07
HSL	192°, 62%, 82%
HSV	192°, 24%, 93%
XYZ	62.1855, 71.0563, 91.3356
YIQ	214.7990, -30.3510, -6.1190

Conversions

Conversions Part 2

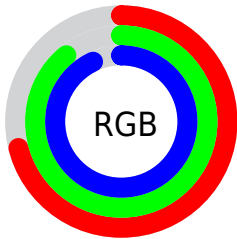
Format	Color
R _Y B	182, 207, 238
Decimal	11985902
CIE Lab	87.51, -12.11, -10.15
CIE LCh	88, 15.802, 219.972
Yxy	71.0563, 0.2769, 0.3164
Android (android.graphics.Color)	4290175982 (0xFFB6E3EE)
YUV	214.7990, 11.4381, -28.7647
Hunter-Lab	84.2949, -15.8342, -5.2358

Details

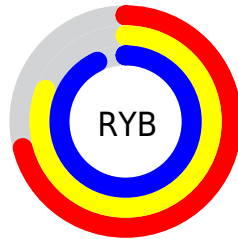
The Yxy color **71.0563, 0.2769, 0.3164** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.6727, 0.3589, 0.3412**, and the grayscale version is **67.7448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **37.4716, 0.2689, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **65.8842, 0.2627, 0.3103**, and if you desaturate by 10%, it is **76.7958, 0.2918, 0.3221**.

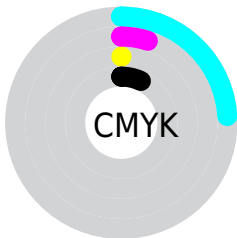
Distribution



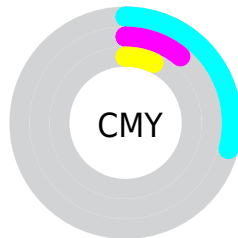
- Red (71%)
- Green (89%)
- Blue (93%)



- Red (71%)
- Yellow (81%)
- Blue (93%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (29%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0563, 0.2769, 0.3164 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 71.0563, 0.2769, 0.3164 by changing the saturation by 10% instead.

71.0563, 0.2769,
0.3164

71.0563, 0.2769,
0.3164

464.2502, 0.2934,
0.3225

52.3881, 0.2732,
0.3150

120.7139, 0.2826,
0.3186

37.3146, 0.2686,
0.3131

152.4721, 0.2848,
0.3194

25.4511, 0.2628,
0.3108

189.3625, 0.2867,
0.3201

16.4135, 0.2553,
0.3077

231.7694, 0.2884,
0.3207

9.8172, 0.2452,
0.3032

280.0772, 0.2898,
0.3212

5.2779, 0.2308,
0.2966

334.6704, 0.2911,

2.4112, 0.2088,

0.3217

0.2857

395.9332, 0.2923,
0.3221

0.8317, 0.1597,
0.2683

0.0000, 0.0000,
0.0000

71.0563, 0.2769,
0.3164

71.0563, 0.2769,
0.3164

65.8842, 0.2627,
0.3103

76.7958, 0.2918,
0.3221

61.2456, 0.2495,
0.3038

83.1179, 0.3072,
0.3273

57.1156, 0.2377,
0.2969

90.0476, 0.3227,
0.3320

53.4639, 0.2276,
0.2899

93.1585, 0.3234,
0.3365

■ 50.2564, 0.2193,
0.2827

■ 96.0303, 0.3230,
0.3410

■ 47.4537, 0.2130,
0.2754

■ 98.9538, 0.3226,
0.3454

■ 45.0081, 0.2087,
0.2683

■ 43.5743, 0.2066,
0.2637

Harmonies

Analogous

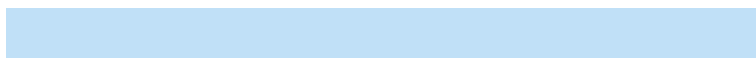
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0563, 0.2854, 0.3340



71.0563, 0.2769, 0.3164



71.0563, 0.2777, 0.3030

Triad

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



71.0563, 0.2769, 0.3164



71.0563, 0.3237, 0.3087



71.0563, 0.3379, 0.3622

Complementary

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



71.0563, 0.2769, 0.3164



59.6727, 0.3589, 0.3412

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.



71.0563, 0.3489, 0.3540



71.0563, 0.2769, 0.3164



71.0563, 0.3406, 0.3233

Square

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



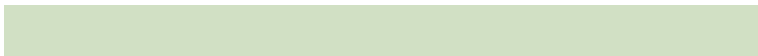
71.0563, 0.2769, 0.3164



71.0563, 0.3042, 0.2992



71.0563, 0.3499, 0.3397



71.0563, 0.3204, 0.3611

Rectangle

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



71.0563, 0.2769, 0.3164



71.0563, 0.2833, 0.2981



71.0563, 0.3499, 0.3397



71.0563, 0.3425, 0.3604

Sweetspot

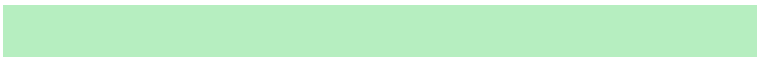
The Sweet Spot groups the original color and five complimentary colors.



71.0592, 0.2769, 0.3164



94.5563, 0.3018, 0.3255



74.9119, 0.3036, 0.3829



20.1420, 0.3009, 0.3252



0.0000, 0.0000, 0.0000



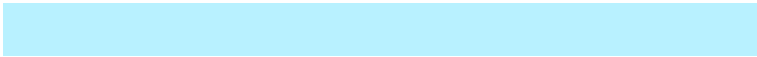
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0592, 0.2769, 0.3164



80.2670, 0.2703, 0.3137



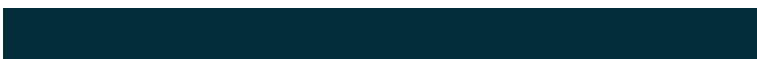
57.2847, 0.2743, 0.2841



17.3712, 0.2981, 0.3243



24.4922, 0.2069, 0.2649



2.1705, 0.2095, 0.2742

Inverse Universe

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



57.1623, 0.3240, 0.2812



61.7254, 0.3266, 0.2718



72.8780, 0.3523, 0.3702



15.9751, 0.3168, 0.3102



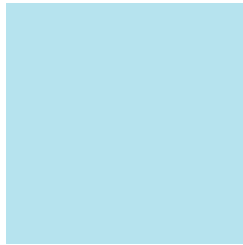
12.2659, 0.3777, 0.1854



1.0338, 0.3688, 0.1805

Previews

White Background



This preview shows how the Yxy color 71.0563, 0.2769, 0.3164 looks on a white background.

Color Contrast Check

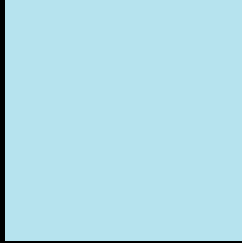
Large Text (above 18pt) WCAG AA × Fail

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 71.0563, 0.2769, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

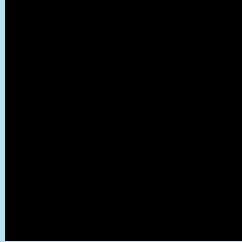
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0563, 0.2769, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 71.0563, 0.2769, 0.3164.

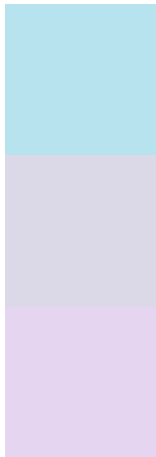


This preview shows how white text looks on a background with the Yxy color 71.0563, 0.2769, 0.3164.

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

71.0563, 0.2769, 0.3164

Protanopia

70.5120, 0.3043, 0.3128

Deuteranopia

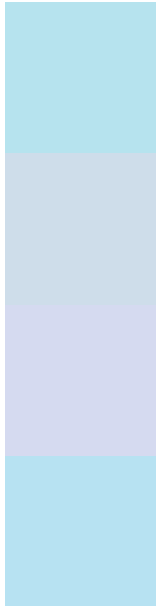
70.7624, 0.3062, 0.2997



Tritanopia

70.9916, 0.2741, 0.3086

Trichromacy



Original Color

71.0563, 0.2769, 0.3164

Protanomaly

70.7752, 0.2941, 0.3146

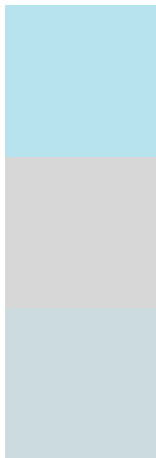
Deuteranomaly

70.5802, 0.2950, 0.3052

Tritanomaly

70.8708, 0.2752, 0.3108

Monochromacy



Original Color

71.0563, 0.2769, 0.3164

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.6873, 0.2989, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0563, 0.2769, 0.3164 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(182, 227, 238)` looks like.

```
.text, #text, p{  
    color:rgb(182, 227, 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(182, 227, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 227, 238) }
```

Border

The CSS property to change the border of an element to Yxy 71.0563, 0.2769, 0.3164 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(182, 227, 238) }
```

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

```
.border{ border-color:rgb(182, 227, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 227, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 227, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 227, 238);  
box-shadow:4px 4px 4px 4px rgb(182, 227,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0563, 0.2769, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 227, 238) }
```

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

```
.background{ background-color: rgb(182,  
227, 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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