

Converting Colors

Yxy(67.1523, 0.2826, 0.3178)

Have a look what the booklet for
Yxy(67.1523, 0.2826, 0.3178)
contains.

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Color

Yxy(67.0899, 0.2821, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	B8DCE6
RGB	184, 220, 230
RGB Percent	72%, 86%, 90%
CMY	0.2787, 0.1372, 0.0981
CMYK	0.20, 0.04, 0.00, 0.10
HSL	193°, 48%, 81%
HSV	193°, 20%, 90%
XYZ	59.6284, 67.0899, 84.6550
YIQ	210.3760, -24.6660, -4.5220

Conversions

Conversions Part 2

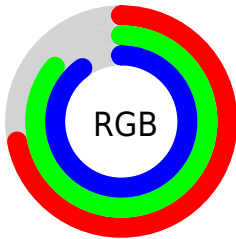
Format	Color
RYB	184, 204, 230
Decimal	12115174
CIELab	85.55, -9.68, -8.82
CIELCh	86, 13.097, 222.334
Yxy	67.0899, 0.2821, 0.3174
Android (android.graphics.Color)	4290305254 (0xFFB8DCE6)
YUV	210.3760, 9.6746, -23.1318
Hunter-Lab	81.9084, -13.3937, -3.9422

Details

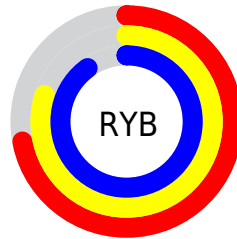
The Yxy color **67.0899, 0.2821, 0.3174** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.8122, 0.3503, 0.3403**, and the grayscale version is **64.6492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **34.7512, 0.2743, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **61.9086, 0.2675, 0.3108**, and if you desaturate by 10%, it is **72.8160, 0.2973, 0.3235**.

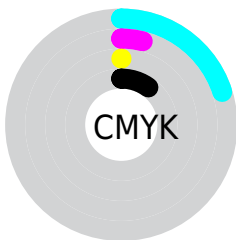
Distribution



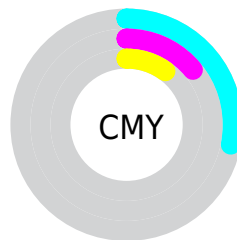
- Red (72%)
- Green (86%)
- Blue (90%)



- Red (72%)
- Yellow (80%)
- Blue (90%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0899, 0.2821, 0.3174 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 67.0899, 0.2821, 0.3174 by changing the saturation by 10% instead.

67.0899, 0.2821,
0.3174

67.0899, 0.2821,
0.3174

450.2647, 0.2963,
0.3230

49.1577, 0.2788,
0.3161

115.0492, 0.2871,
0.3194

34.7446, 0.2748,
0.3144

145.8451, 0.2890,
0.3202

23.4662, 0.2696,
0.3122

181.6977, 0.2906,
0.3208

14.9381, 0.2629,
0.3092

222.9914, 0.2921,
0.3214

8.7760, 0.2537,
0.3051

270.1105, 0.2933,
0.3219

4.5953, 0.2404,
0.2988

323.4395, 0.2945,

2.0119, 0.2194,

0.3223

0.2881

383.3628, 0.2954,
0.3227

0.6143, 0.1521,
0.2689

0.0000, 0.0000,
0.0000

67.0899, 0.2821,
0.3174

67.0899, 0.2821,
0.3174

61.9086, 0.2675,
0.3108

72.8160, 0.2973,
0.3235

57.2410, 0.2538,
0.3038

79.1000, 0.3127,
0.3290

53.0649, 0.2412,
0.2963

85.9650, 0.3281,
0.3340

49.3532, 0.2302,
0.2886

89.2431, 0.3290,
0.3388

■ 46.0758, 0.2210,
0.2806

■ 92.2102, 0.3284,
0.3436

■ 43.1982, 0.2137,
0.2726

■ 95.2582, 0.3279,
0.3484

■ 40.6797, 0.2083,
0.2646

■ 98.3876, 0.3274,
0.3531

■ 38.4552, 0.2047,
0.2568

■ 98.4921, 0.3274,
0.3532

Harmonies

Analogous

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



67.0899, 0.2887, 0.3321



67.0899, 0.2821, 0.3174



67.0899, 0.2834, 0.3064

Triad

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



67.0899, 0.2821, 0.3174



67.0899, 0.3233, 0.3126



67.0899, 0.3330, 0.3572

Complementary

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



67.0899, 0.2821, 0.3174



58.8122, 0.3503, 0.3403

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.



67.0899, 0.3428, 0.3510



67.0899, 0.2821, 0.3174



67.0899, 0.3371, 0.3253

Square

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



67.0899, 0.2821, 0.3174



67.0899, 0.3068, 0.3041



67.0899, 0.3444, 0.3393



67.0899, 0.3180, 0.3556

Rectangle

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



67.0899, 0.2821, 0.3174



67.0899, 0.2886, 0.3025



67.0899, 0.3444, 0.3393



67.0899, 0.3371, 0.3559

Sweetspot

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



67.0926, 0.2821, 0.3174



95.1200, 0.3034, 0.3257



70.6218, 0.3045, 0.3728



20.2493, 0.3024, 0.3254



0.0000, 0.0000, 0.0000



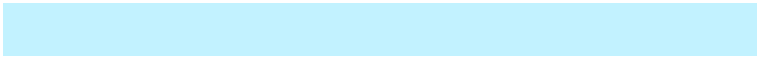
21.4041, 0.3127, 0.3290

Same Dimension

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



67.0926, 0.2821, 0.3174



82.0278, 0.2760, 0.3148



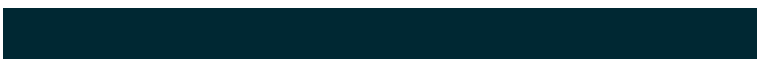
56.1664, 0.2804, 0.2908



15.7796, 0.2981, 0.3238



21.9614, 0.2050, 0.2580



1.7547, 0.2082, 0.2696

Inverse Universe

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



56.2410, 0.3227, 0.2896



66.1513, 0.3252, 0.2813



69.4748, 0.3456, 0.3645



14.5591, 0.3171, 0.3108



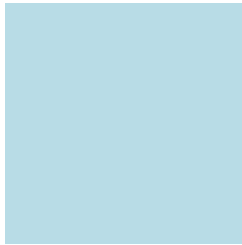
11.4147, 0.3843, 0.1891



0.8568, 0.3732, 0.1830

Previews

White Background



This preview shows how the Yxy color 67.0899, 0.2821, 0.3174 looks on a white background.

Color Contrast Check

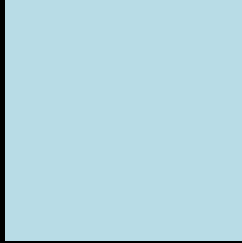
Large Text (above 18pt) WCAG AA × Fail

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 67.0899, 0.2821, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

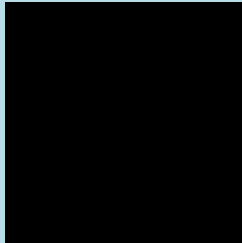
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0899, 0.2821, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 67.0899, 0.2821, 0.3174.

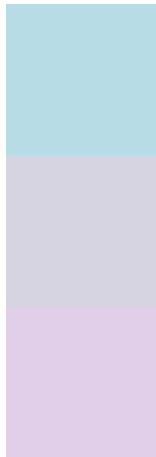


This preview shows how white text looks on a background with the Yxy color 67.0899, 0.2821, 0.3174.

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

67.0899, 0.2821, 0.3174

Protanopia

66.8194, 0.3054, 0.3146

Deuteranopia

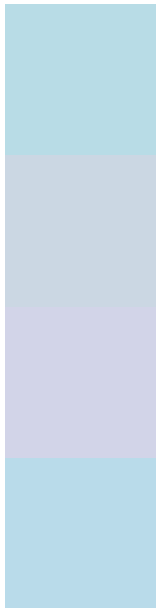
66.5164, 0.3081, 0.3011



Tritanopia

67.0335, 0.2792, 0.3095

Trichromacy



Original Color

67.0899, 0.2821, 0.3174

Protanomaly

66.8434, 0.2963, 0.3154

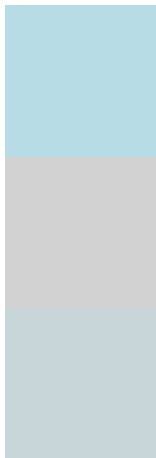
Deuteranomaly

66.6148, 0.2980, 0.3068

Tritanomaly

66.9178, 0.2804, 0.3117

Monochromacy



Original Color

67.0899, 0.2821, 0.3174

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.5204, 0.3014, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0899, 0.2821, 0.3174 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(184, 220, 230)` looks like.

```
.text, #text, p{  
    color:rgb(184, 220, 230)  
}
```

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(184, 220, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 220, 230) }
```

Border

The CSS property to change the border of an element to Yxy 67.0899, 0.2821, 0.3174 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(184, 220, 230) }
```

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

```
.border{ border-color:rgb(184, 220, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 220, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 220, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 220, 230); box-shadow:4px 4px 4px 4px rgb(184, 220, 230) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0899, 0.2821, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 220, 230) }
```

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

```
.background{ background-color: rgb(184,  
220, 230) }
```

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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