

Converting Colors

Yxy(59.9466, 0.2791, 0.3111)

Have a look what the booklet for
Yxy(59.9466, 0.2791, 0.3111)
contains.

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Color

Yxy(60.0967, 0.2790, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	AFD1E0
RGB	175, 209, 224
RGB Percent	69%, 82%, 88%
CMY	0.3138, 0.1804, 0.1216
CMYK	0.22, 0.07, 0.00, 0.12
HSL	198°, 44%, 78%
HSV	198°, 22%, 88%
XYZ	53.9305, 60.0967, 79.2720
YIQ	200.5440, -25.0790, -2.5430

Conversions

Conversions Part 2

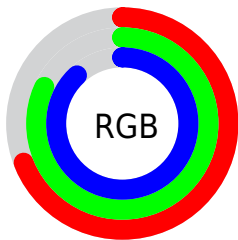
Format	Color
R _Y B	175, 195, 224
Decimal	11522528
CIE Lab	81.89, -8.00, -11.14
CIE LCh	82, 13.721, 234.311
Yxy	60.0967, 0.2790, 0.3109
Android (android.graphics.Color)	4289712608 (0xFFAFD1E0)
YUV	200.5440, 11.5638, -22.4021
Hunter-Lab	77.5221, -11.4849, -6.3629

Details

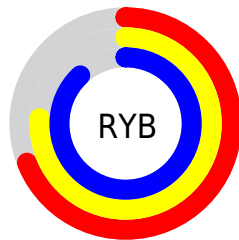
The Yxy color **60.0967, 0.2790, 0.3109** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.7542, 0.3534, 0.3464**, and the grayscale version is **58.0501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **30.4448, 0.2709, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **54.4301, 0.2639, 0.3014**, and if you desaturate by 10%, it is **66.3425, 0.2944, 0.3197**.

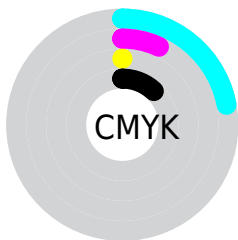
Distribution



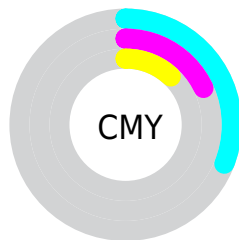
- Red (69%)
- Green (82%)
- Blue (88%)



- Red (69%)
- Yellow (76%)
- Blue (88%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)




- Cyan (31%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0967, 0.2790, 0.3109 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 60.0967, 0.2790, 0.3109 by changing the saturation by 10% instead.


 60.0967, 0.2790,
0.3109

 60.0967, 0.2790,
0.3109


424.9541, 0.2950,
0.3197

 43.4966, 0.2753,
0.3088


 104.9699, 0.2846,
0.3141

 30.2749, 0.2706,
0.3061


134.0118, 0.2868,
0.3153

 20.0474, 0.2646,
0.3026


167.9698, 0.2886,
0.3163

 12.4295, 0.2567,
0.2978

207.2282, 0.2902,
0.3172

 7.0369, 0.2457,
0.2910

252.1714, 0.2916,
0.3179

 3.4852, 0.2294,
0.2806

303.1839, 0.2929,

 1.3900, 0.2030,

0.3186

0.2626

360.6500, 0.2940,
0.3192

■ 0.2093, 0.0029,
0.1715

■ 0.0000, 0.0000,
0.0000

■ 60.0967, 0.2790,
0.3109

■ 60.0967, 0.2790,
0.3109

■ 54.4301, 0.2639,
0.3014

■ 66.3425, 0.2944,
0.3197

■ 49.3125, 0.2496,
0.2911

■ 73.1817, 0.3098,
0.3276

■ 44.7213, 0.2362,
0.2802

■ 80.6369, 0.3251,
0.3347

■ 40.6297, 0.2243,
0.2689

■ 86.8643, 0.3332,
0.3413

■ 37.0073, 0.2141,
0.2573

■ 90.8928, 0.3324,
0.3480

■ 33.8198, 0.2058,
0.2456

■ 95.0743, 0.3315,
0.3545

■ 31.0263, 0.1996,
0.2340

■ 98.1614, 0.3310,
0.3592

■ 28.9939, 0.1958,
0.2247

Harmonies

Analogous

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



60.0967, 0.2829, 0.3257



60.0967, 0.2790, 0.3109



60.0967, 0.2838, 0.3015

Triad

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



60.0967, 0.2790, 0.3109



60.0967, 0.3308, 0.3163



60.0967, 0.3287, 0.3601

Complementary

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



60.0967, 0.2790, 0.3109



55.7542, 0.3534, 0.3464

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.



60.0967, 0.3421, 0.3565



60.0967, 0.2790, 0.3109



60.0967, 0.3435, 0.3311

Square

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



60.0967, 0.2790, 0.3109



60.0967, 0.3134, 0.3050



60.0967, 0.3476, 0.3457



60.0967, 0.3112, 0.3548

Rectangle

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



60.0967, 0.2790, 0.3109



60.0967, 0.2914, 0.2994



60.0967, 0.3476, 0.3457



60.0967, 0.3338, 0.3598

Sweetspot

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



60.0991, 0.2790, 0.3109



93.3376, 0.3019, 0.3236



66.1236, 0.3007, 0.3711



19.8592, 0.3009, 0.3231



0.0000, 0.0000, 0.0000



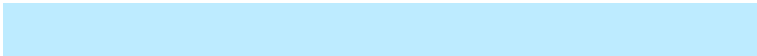
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0991, 0.2790, 0.3109



77.2623, 0.2725, 0.3069



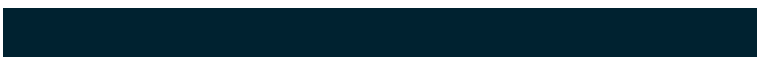
49.1027, 0.2768, 0.2806



14.8280, 0.2982, 0.3217



17.0898, 0.1962, 0.2265



1.3405, 0.2012, 0.2441

Inverse Universe

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



51.1044, 0.3274, 0.2906



63.5088, 0.3310, 0.2828



67.1306, 0.3478, 0.3731



13.8605, 0.3184, 0.3129



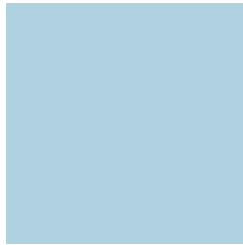
10.6333, 0.4164, 0.2067



0.7528, 0.3981, 0.1967

Previews

White Background



This preview shows how the Yxy color 60.0967, 0.2790, 0.3109 looks on a white background.

Color Contrast Check

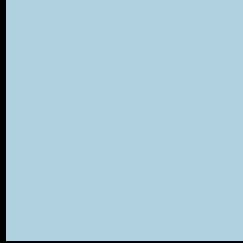
Large Text (above 18pt) WCAG AA × Fail

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 60.0967, 0.2790, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

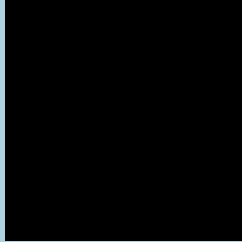
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0967, 0.2790, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 60.0967, 0.2790, 0.3109.



This preview shows how white text looks on a background with the Yxy color 60.0967, 0.2790, 0.3109.

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

60.0967, 0.2790, 0.3109

Protanopia

59.9649, 0.3001, 0.3082

Deuteranopia

59.8762, 0.3035, 0.2975



Tritanopia

60.1511, 0.2784, 0.3097

Trichromacy



Original Color

60.0967, 0.2790, 0.3109

Protanomaly

60.0896, 0.2923, 0.3102

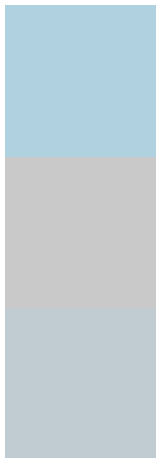
Deuteranomaly

59.8194, 0.2946, 0.3024

Tritanomaly

60.1511, 0.2784, 0.3097

Monochromacy



Original Color

60.0967, 0.2790, 0.3109

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.9956, 0.3002, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0967, 0.2790, 0.3109 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, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(175, 209, 224)  
}
```

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, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 209, 224) }
```

Border

The CSS property to change the border of an element to Yxy 60.0967, 0.2790, 0.3109 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, 209, 224) }
```

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

```
.border{ border-color:rgb(175, 209, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 209, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(175, 209,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0967, 0.2790, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 209, 224) }
```

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

```
.background{ background-color: rgb(175,  
209, 224) }
```

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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