

Converting Colors

$Yxy(60.2778, 0.2794, 0.3106)$

Have a look what the booklet for
Yxy(60.2778, 0.2794, 0.3106)
contains.

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Color

Yxy(60.2129, 0.2797, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	B0D1E0
RGB	176, 209, 224
RGB Percent	69%, 82%, 88%
CMY	0.3095, 0.1804, 0.1216
CMYK	0.21, 0.07, 0.00, 0.12
HSL	199°, 44%, 78%
HSV	199°, 21%, 88%
XYZ	54.1703, 60.2129, 79.2897
YIQ	200.8430, -24.4830, -2.3310

Conversions

Conversions Part 2

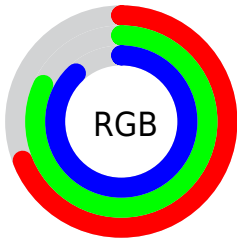
Format	Color
R _Y B	176, 196, 224
Decimal	11588064
CIE Lab	81.95, -7.66, -11.05
CIE LCh	82, 13.447, 235.254
Yxy	60.2129, 0.2797, 0.3109
Android (android.graphics.Color)	4289778144 (0xFFB0D1E0)
YUV	200.8430, 11.4164, -21.7873
Hunter-Lab	77.5970, -11.1842, -6.2655

Details

The Yxy color **60.2129, 0.2797, 0.3109** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.2814, 0.3523, 0.3464**, and the grayscale version is **58.2538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **30.5182, 0.2717, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **54.4478, 0.2646, 0.3012**, and if you desaturate by 10%, it is **66.5655, 0.2951, 0.3198**.

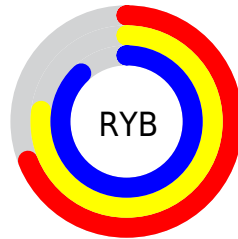
Distribution



Red (69%)

Green (82%)

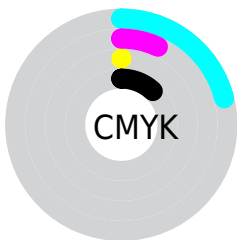
Blue (88%)



Red (69%)

Yellow (77%)

Blue (88%)

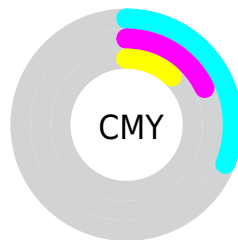


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (31%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2129, 0.2797, 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 60.2129, 0.2797, 0.3109 by changing the saturation by 10% instead.

■ 60.2129, 0.2797,
0.3109

■ 60.2129, 0.2797,
0.3109

425.3821, 0.2953,
0.3197

■ 43.5903, 0.2760,
0.3088

■ 105.1384, 0.2852,
0.3140

■ 30.3485, 0.2715,
0.3061

134.2101, 0.2873,
0.3152

■ 20.1033, 0.2656,
0.3026

168.2003, 0.2891,
0.3163

■ 12.4701, 0.2579,
0.2979

207.4933, 0.2907,
0.3171

■ 7.0647, 0.2471,
0.2911

252.4736, 0.2921,
0.3179

■ 3.5026, 0.2311,
0.2808

303.5256, 0.2933,

■ 1.3994, 0.2052,

0.3186

0.2630

361.0336, 0.2944,
0.3192

0.2163, 0.0149,
0.1739

0.0000, 0.0000,
0.0000

60.2129, 0.2797,
0.3109

60.2129, 0.2797,
0.3109

54.4478, 0.2646,
0.3012

66.5655, 0.2951,
0.3198

49.2397, 0.2501,
0.2907

73.5196, 0.3106,
0.3279

44.5662, 0.2366,
0.2796

81.0982, 0.3258,
0.3352

40.4002, 0.2245,
0.2679

87.2408, 0.3332,
0.3420

■ 36.7115, 0.2140,
0.2560

■ 91.3845, 0.3323,
0.3488

■ 33.4659, 0.2056,
0.2440

■ 95.6889, 0.3314,
0.3555

■ 30.6226, 0.1992,
0.2321

■ 98.1620, 0.3309,
0.3591

■ 28.4422, 0.1950,
0.2220

Harmonies

Analogous

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



60.2129, 0.2832, 0.3253



60.2129, 0.2797, 0.3109



60.2129, 0.2847, 0.3019

Triad

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



60.2129, 0.2797, 0.3109



60.2129, 0.3309, 0.3170



60.2129, 0.3279, 0.3594

Complementary

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



60.2129, 0.2797, 0.3109



56.2814, 0.3523, 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.



60.2129, 0.3412, 0.3562



60.2129, 0.2797, 0.3109



60.2129, 0.3431, 0.3315

Square

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



60.2129, 0.2797, 0.3109



60.2129, 0.3140, 0.3057



60.2129, 0.3469, 0.3458



60.2129, 0.3107, 0.3540

Rectangle

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



60.2129, 0.2797, 0.3109



60.2129, 0.2923, 0.2999



60.2129, 0.3469, 0.3458



60.2129, 0.3330, 0.3593

Sweetspot

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



60.2154, 0.2797, 0.3109



94.1934, 0.3034, 0.3243



66.2882, 0.3010, 0.3701



20.0299, 0.3024, 0.3237



0.0000, 0.0000, 0.0000



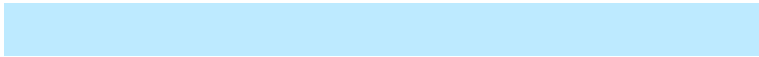
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2154, 0.2797, 0.3109



76.9799, 0.2724, 0.3063



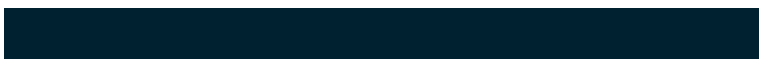
49.5915, 0.2777, 0.2818



14.8102, 0.2982, 0.3215



16.7690, 0.1955, 0.2238



1.3202, 0.2005, 0.2419

Inverse Universe

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



51.5271, 0.3274, 0.2919



63.4803, 0.3314, 0.2833



67.2889, 0.3470, 0.3721



13.8587, 0.3185, 0.3130



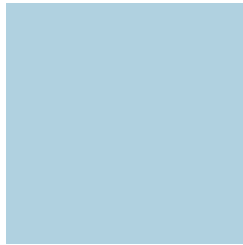
10.6009, 0.4192, 0.2083



0.7507, 0.4003, 0.1979

Previews

White Background



This preview shows how the Yxy color 60.2129, 0.2797, 0.3109 looks on a white background.

Color Contrast Check

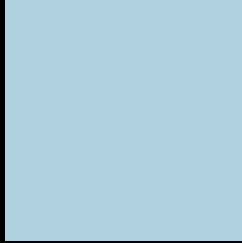
Large Text (above 18pt) WCAG AA × Fail

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 60.2129, 0.2797, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

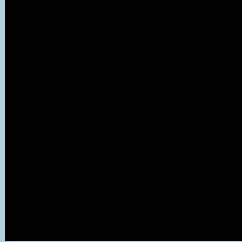
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

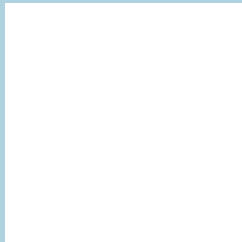
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2129, 0.2797, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 60.2129, 0.2797, 0.3109.



This preview shows how white text looks on a background with the Yxy color 60.2129, 0.2797, 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

60.2129, 0.2797, 0.3109

Protanopia

59.9649, 0.3001, 0.3082

Deuteranopia

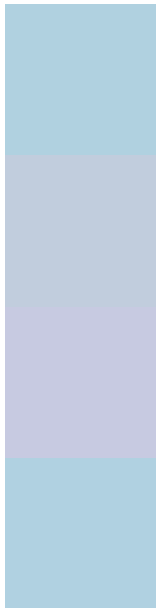
59.8762, 0.3035, 0.2975



Tritanopia

60.2673, 0.2791, 0.3097

Trichromacy



Original Color

60.2129, 0.2797, 0.3109

Protanomaly

60.2206, 0.2930, 0.3102

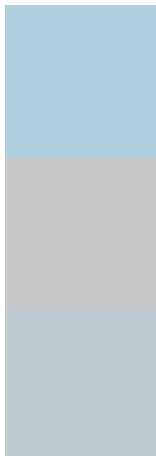
Deuteranomaly

59.8194, 0.2946, 0.3024

Tritanomaly

60.2673, 0.2791, 0.3097

Monochromacy



Original Color

60.2129, 0.2797, 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 60.2129, 0.2797, 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(176, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 209, 224) }
```

Border

The CSS property to change the border of an element to Yxy 60.2129, 0.2797, 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(176, 209, 224) }
```

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

```
.border{ border-color:rgb(176, 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(176, 209, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(176, 209,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2129, 0.2797, 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(176, 209, 224) }
```

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

```
.background{ background-color: rgb(176,  
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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