

Converting Colors

Yxy(60.2991, 0.2847, 0.3169)

Have a look what the booklet for
Yxy(60.2991, 0.2847, 0.3169)
contains.

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Color

Yxy(60.2991, 0.2847, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	B3D1DB
RGB	179, 209, 219
RGB Percent	70%, 82%, 86%
CMY	0.2982, 0.1803, 0.1411
CMYK	0.18, 0.05, 0.00, 0.14
HSL	195°, 36%, 78%
HSV	195°, 18%, 86%
XYZ	54.1721, 60.2991, 75.8068
YIQ	201.1700, -21.0900, -3.2500

Conversions

Conversions Part 2

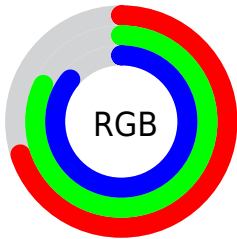
Format	Color
R _Y B	179, 196, 219
Decimal	11784667
CIE Lab	82.00, -7.86, -8.29
CIE LCh	82, 11.427, 226.538
Yxy	60.2991, 0.2847, 0.3169
Android (android.graphics.Color)	4289974747 (0xFFB3D1DB)
YUV	201.1700, 8.7902, -19.4431
Hunter-Lab	77.6525, -11.3662, -3.5240

Details

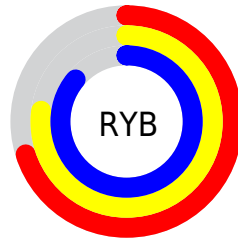
The Yxy color **60.2991, 0.2847, 0.3169** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.6956, 0.3461, 0.3408**, and the grayscale version is **58.4721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **30.5586, 0.2781, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **55.2588, 0.2698, 0.3094**, and if you desaturate by 10%, it is **65.8509, 0.3000, 0.3238**.

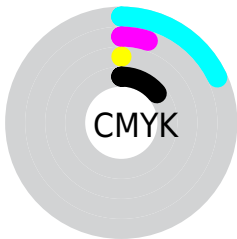
Distribution



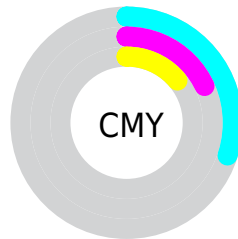
- Red (70%)
- Green (82%)
- Blue (86%)



- Red (70%)
- Yellow (77%)
- Blue (86%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (30%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2991, 0.2847, 0.3169 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 60.2991, 0.2847, 0.3169 by changing the saturation by 10% instead.

■ 60.2991, 0.2847,
0.3169

■ 60.2991, 0.2847,
0.3169

425.6994, 0.2980,
0.3228

■ 43.6598, 0.2816,
0.3155

■ 105.2634, 0.2894,
0.3190

■ 30.4031, 0.2777,
0.3136

134.3572, 0.2912,
0.3198

■ 20.1448, 0.2727,
0.3113

168.3713, 0.2927,
0.3205

■ 12.5003, 0.2660,
0.3080

207.6900, 0.2941,
0.3211

■ 7.0854, 0.2567,
0.3034

252.6977, 0.2952,
0.3216

■ 3.5156, 0.2428,
0.2961

303.7790, 0.2963,

■ 1.4064, 0.2201,

0.3221

0.2834

361.3180, 0.2972,
0.3225

0.2215, 0.0175,
0.2087

0.0000, 0.0000,
0.0000

60.2991, 0.2847,
0.3169

60.2991, 0.2847,
0.3169

55.2588, 0.2698,
0.3094

65.8509, 0.3000,
0.3238

50.7022, 0.2557,
0.3013

71.9258, 0.3154,
0.3300

46.6096, 0.2425,
0.2928

78.5444, 0.3306,
0.3356

42.9571, 0.2308,
0.2838

83.4624, 0.3373,
0.3409

■ 39.7181, 0.2208,
0.2746

■ 86.5695, 0.3365,
0.3463

■ 36.8626, 0.2126,
0.2652

■ 89.7730, 0.3357,
0.3516

■ 34.3553, 0.2064,
0.2559

■ 93.0739, 0.3350,
0.3568

■ 32.1452, 0.2021,
0.2467

■ 96.4729, 0.3342,
0.3620

■ 31.7826, 0.2014,
0.2451

■ 97.8949, 0.3339,
0.3641

Harmonies

Analogous

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



60.2991, 0.2898, 0.3299



60.2991, 0.2847, 0.3169



60.2991, 0.2869, 0.3076

Triad

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



60.2991, 0.2847, 0.3169



60.2991, 0.3243, 0.3156



60.2991, 0.3294, 0.3547

Complementary

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



60.2991, 0.2847, 0.3169



54.6956, 0.3461, 0.3408

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.



60.2991, 0.3391, 0.3501



60.2991, 0.2847, 0.3169



60.2991, 0.3361, 0.3275

Square

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



60.2991, 0.2847, 0.3169



60.2991, 0.3095, 0.3072



60.2991, 0.3416, 0.3400



60.2991, 0.3154, 0.3522

Rectangle

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



60.2991, 0.2847, 0.3169



60.2991, 0.2922, 0.3046



60.2991, 0.3416, 0.3400



60.2991, 0.3333, 0.3539

Sweetspot

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



60.3016, 0.2847, 0.3169



95.6471, 0.3050, 0.3259



63.8920, 0.3044, 0.3668



20.3448, 0.3039, 0.3254



0.0000, 0.0000, 0.0000



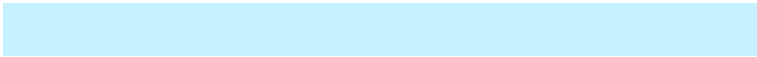
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3016, 0.2847, 0.3169



82.2547, 0.2788, 0.3140



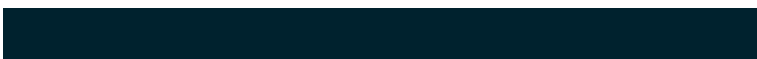
51.3689, 0.2834, 0.2929



14.2502, 0.2982, 0.3230



19.0257, 0.2018, 0.2465



1.3658, 0.2060, 0.2615

Inverse Universe

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



51.8933, 0.3228, 0.2947



68.4113, 0.3253, 0.2871



63.5885, 0.3422, 0.3627



13.2164, 0.3176, 0.3116



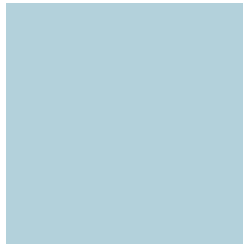
10.5444, 0.3958, 0.1954



0.6966, 0.3810, 0.1872

Previews

White Background



This preview shows how the Yxy color 60.2991, 0.2847, 0.3169 looks on a white background.

Color Contrast Check

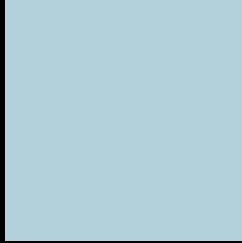
Large Text (above 18pt) WCAG AA × Fail

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 60.2991, 0.2847, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

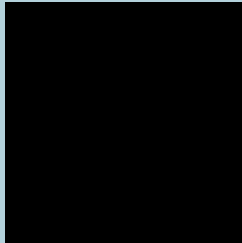
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

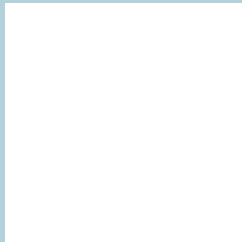
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2991, 0.2847, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 60.2991, 0.2847, 0.3169.



This preview shows how white text looks on a background with the Yxy color 60.2991, 0.2847, 0.3169.

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

60.2991, 0.2847, 0.3169

Protanopia

59.9847, 0.3051, 0.3139

Deuteranopia

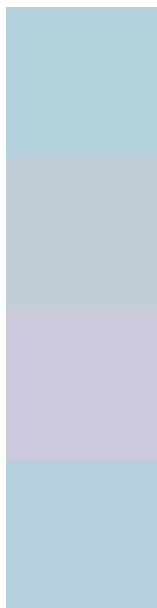
60.0557, 0.3093, 0.3032



Tritanopia

60.2513, 0.2816, 0.3087

Trichromacy



Original Color

60.2991, 0.2847, 0.3169

Protanomaly

60.2226, 0.2977, 0.3160

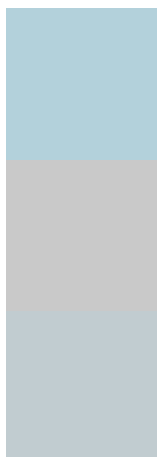
Deuteranomaly

59.9649, 0.3001, 0.3082

Tritanomaly

60.1428, 0.2829, 0.3110

Monochromacy



Original Color

60.2991, 0.2847, 0.3169

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.0773, 0.3017, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2991, 0.2847, 0.3169 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(179, 209, 219)` looks like.

```
.text, #text, p{  
    color:rgb(179, 209, 219)  
}
```

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(179, 209, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 209, 219) }
```

Border

The CSS property to change the border of an element to Yxy 60.2991, 0.2847, 0.3169 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(179, 209, 219) }
```

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

```
.border{ border-color:rgb(179, 209, 219) }
```

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

Here you see how a box with a 4 pixel rgb(179, 209, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 209, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 209, 219);  
box-shadow:4px 4px 4px 4px rgb(179, 209,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2991, 0.2847, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 209, 219) }
```

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

```
.background{ background-color: rgb(179,  
209, 219) }
```

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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