

Converting Colors

$Yxy(60.3764, 0.2782, 0.3184)$

Have a look what the booklet for
Yxy(60.3764, 0.2782, 0.3184)
contains.

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Color

Yxy(60.3019, 0.2783, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	AAD3DC
RGB	170, 211, 220
RGB Percent	67%, 83%, 86%
CMY	0.3334, 0.1725, 0.1371
CMYK	0.23, 0.04, 0.00, 0.14
HSL	191°, 42%, 76%
HSV	191°, 23%, 86%
XYZ	52.7902, 60.3019, 76.5961
YIQ	199.7670, -27.3250, -5.8930

Conversions

Conversions Part 2

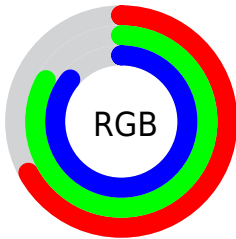
Format	Color
RYB	170, 193, 220
Decimal	11195356
CIELab	82.00, -11.42, -8.90
CIELCh	82, 14.483, 217.940
Yxy	60.3019, 0.2783, 0.3179
Android (android.graphics.Color)	4289385436 (0xFFAAD3DC)
YUV	199.7670, 9.9749, -26.1057
Hunter-Lab	77.6543, -14.5488, -4.1241

Details

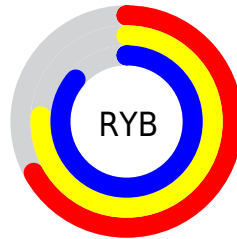
The Yxy color **60.3019, 0.2783, 0.3179** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.3692, 0.3569, 0.3398**, and the grayscale version is **57.5581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **30.2755, 0.2700, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **56.1049, 0.2642, 0.3123**, and if you desaturate by 10%, it is **64.9629, 0.2932, 0.3231**.

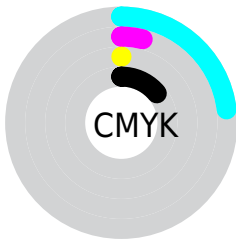
Distribution



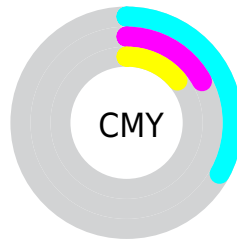
- Red (67%)
- Green (83%)
- Blue (86%)



- Red (67%)
- Yellow (76%)
- Blue (86%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (33%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3019, 0.2783, 0.3179 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 60.3019, 0.2783, 0.3179 by changing the saturation by 10% instead.

■ 60.3019, 0.2783,
0.3179

■ 60.3019, 0.2783,
0.3179

425.7097, 0.2946,
0.3234

■ 43.6620, 0.2745,
0.3165

■ 105.2675, 0.2840,
0.3199

■ 30.4049, 0.2697,
0.3148

134.3620, 0.2862,
0.3206

■ 20.1461, 0.2636,
0.3125

168.3768, 0.2881,
0.3213

■ 12.5013, 0.2556,
0.3094

207.6964, 0.2898,
0.3218

■ 7.0861, 0.2443,
0.3048

252.7050, 0.2912,
0.3223

■ 3.5160, 0.2277,
0.2975

303.7872, 0.2925,

■ 1.4067, 0.2007,

0.3227

0.2845

361.3273, 0.2936,
0.3231

0.2216, 0.0000,
0.2042

0.0000, 0.0000,
0.0000

60.3019, 0.2783,
0.3179

60.3019, 0.2783,
0.3179

56.1049, 0.2642,
0.3123

64.9629, 0.2932,
0.3231

52.3439, 0.2511,
0.3064

70.1001, 0.3085,
0.3278

48.9988, 0.2394,
0.3002

75.7338, 0.3239,
0.3321

46.0449, 0.2293,
0.2938

81.3093, 0.3371,
0.3359

■ 43.4544, 0.2211,
0.2873

■ 83.5058, 0.3366,
0.3399

■ 41.1956, 0.2148,
0.2807

■ 85.7528, 0.3360,
0.3438

■ 39.2300, 0.2105,
0.2742

■ 88.0506, 0.3355,
0.3476

■ 37.9433, 0.2082,
0.2695

■ 90.3994, 0.3350,
0.3515

■ 92.7997, 0.3344,
0.3553

Harmonies

Analogous

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



60.3019, 0.2871, 0.3350



60.3019, 0.2783, 0.3179



60.3019, 0.2784, 0.3045

Triad

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



60.3019, 0.2783, 0.3179



60.3019, 0.3221, 0.3085



60.3019, 0.3381, 0.3608

Complementary

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



60.3019, 0.2783, 0.3179



50.3692, 0.3569, 0.3398

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.



60.3019, 0.3481, 0.3525



60.3019, 0.2783, 0.3179



60.3019, 0.3388, 0.3225

Square

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



60.3019, 0.2783, 0.3179



60.3019, 0.3032, 0.2997



60.3019, 0.3484, 0.3384



60.3019, 0.3214, 0.3605

Rectangle

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



60.3019, 0.2783, 0.3179



60.3019, 0.2835, 0.2994



60.3019, 0.3484, 0.3384



60.3019, 0.3424, 0.3589

Sweetspot

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



60.3044, 0.2783, 0.3179



94.7318, 0.3018, 0.3258



62.9796, 0.3045, 0.3816



20.1827, 0.3009, 0.3255



0.0000, 0.0000, 0.0000



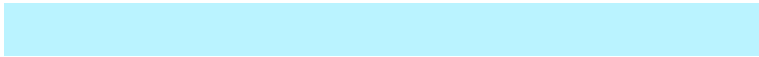
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3044, 0.2783, 0.3179



81.5234, 0.2719, 0.3155



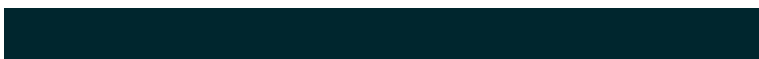
49.1116, 0.2759, 0.2871



14.4089, 0.2982, 0.3247



22.4087, 0.2085, 0.2705



1.5582, 0.2114, 0.2811

Inverse Universe

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



48.6662, 0.3228, 0.2823



62.8863, 0.3252, 0.2729



61.0030, 0.3508, 0.3676



13.2324, 0.3165, 0.3100



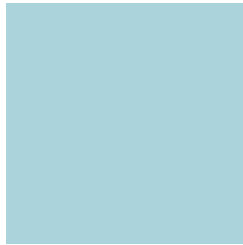
10.8859, 0.3723, 0.1825



0.7160, 0.3625, 0.1770

Previews

White Background



This preview shows how the Yxy color 60.3019, 0.2783, 0.3179 looks on a white background.

Color Contrast Check

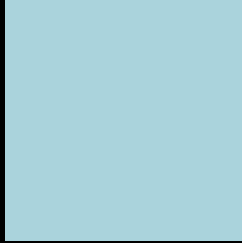
Large Text (above 18pt) WCAG AA × Fail

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 60.3019, 0.2783, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

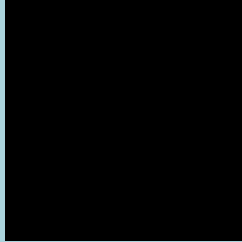
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

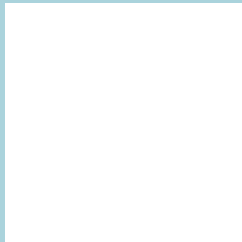
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3019, 0.2783, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 60.3019, 0.2783, 0.3179.



This preview shows how white text looks on a background with the Yxy color 60.3019, 0.2783, 0.3179.

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

60.3019, 0.2783, 0.3179

Protanopia

59.9847, 0.3051, 0.3139

Deuteranopia

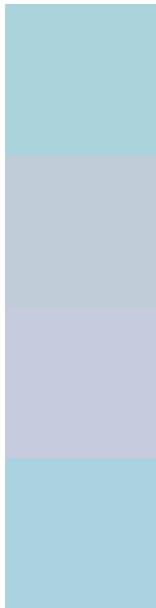
60.0120, 0.3071, 0.3009



Tritanopia

60.2972, 0.2747, 0.3084

Trichromacy



Original Color

60.3019, 0.2783, 0.3179

Protanomaly

59.8789, 0.2949, 0.3148

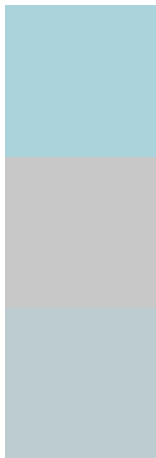
Deuteranomaly

59.9916, 0.2959, 0.3069

Tritanomaly

60.1329, 0.2765, 0.3120

Monochromacy



Original Color

60.3019, 0.2783, 0.3179

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.5095, 0.2994, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3019, 0.2783, 0.3179 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(170, 211, 220)` looks like.

```
.text, #text, p{  
    color:rgb(170, 211, 220)  
}
```

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(170, 211, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 211, 220) }
```

Border

The CSS property to change the border of an element to Yxy 60.3019, 0.2783, 0.3179 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(170, 211, 220) }
```

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

```
.border{ border-color:rgb(170, 211, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 211, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 211, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 211, 220); box-shadow:4px 4px 4px 4px rgb(170, 211, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3019, 0.2783, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 211, 220) }
```

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

```
.background{ background-color: rgb(170,  
211, 220) }
```

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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