

Converting Colors

Yxy(61.6156, 0.2853, 0.3195)

Have a look what the booklet for
Yxy(61.6156, 0.2853, 0.3195)
contains.

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Color

Yxy(61.4063, 0.2855, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	B4D3DB
RGB	180, 211, 219
RGB Percent	71%, 83%, 86%
CMY	0.2941, 0.1725, 0.1410
CMYK	0.18, 0.04, 0.00, 0.14
HSL	192°, 35%, 78%
HSV	192°, 18%, 86%
XYZ	54.9060, 61.4063, 76.0030
YIQ	202.6430, -21.0440, -4.0840

Conversions

Conversions Part 2

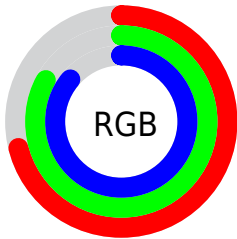
Format	Color
RYB	180, 197, 219
Decimal	11850715
CIELab	82.60, -8.57, -7.42
CIELCh	83, 11.333, 220.895
Yxy	61.4063, 0.2855, 0.3193
Android (android.graphics.Color)	4290040795 (0xFFB4D3DB)
YUV	202.6430, 8.0640, -19.8579
Hunter-Lab	78.3622, -12.0642, -2.6515

Details

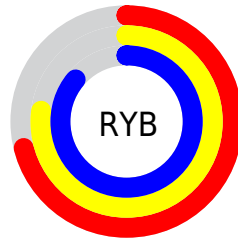
The Yxy color **61.4063, 0.2855, 0.3193** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.3431, 0.3454, 0.3385**, and the grayscale version is **59.4461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **30.9693, 0.2791, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **56.7749, 0.2708, 0.3132**, and if you desaturate by 10%, it is **66.5210, 0.3007, 0.3249**.

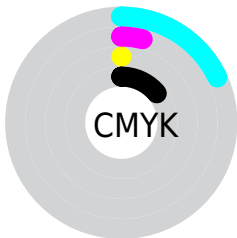
Distribution



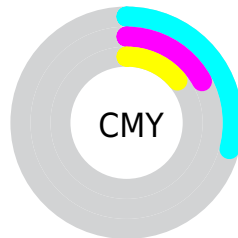
- Red (71%)
- Green (83%)
- Blue (86%)



- Red (71%)
- Yellow (77%)
- Blue (86%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4063, 0.2855, 0.3193 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 61.4063, 0.2855, 0.3193 by changing the saturation by 10% instead.

■ 61.4063, 0.2855,
0.3193

■ 61.4063, 0.2855,
0.3193

429.7622, 0.2984,
0.3241

■ 44.5531, 0.2825,
0.3181

■ 106.8670, 0.2900,
0.3210

■ 31.1056, 0.2787,
0.3167

136.2434, 0.2918,
0.3217

■ 20.6793, 0.2739,
0.3148

170.5629, 0.2933,
0.3222

■ 12.8898, 0.2675,
0.3121

210.2100, 0.2946,
0.3227

■ 7.3527, 0.2586,
0.3084

255.5691, 0.2957,
0.3231

■ 3.6836, 0.2453,
0.3025

307.0245, 0.2967,

■ 1.4982, 0.2237,

0.3235

0.2921

364.9608, 0.2976,
0.3238

0.2875, 0.0542,
0.2429

0.0000, 0.0000,
0.0000

61.4063, 0.2855,
0.3193

61.4063, 0.2855,
0.3193

56.7749, 0.2708,
0.3132

66.5210, 0.3007,
0.3249

52.5993, 0.2570,
0.3066

72.1302, 0.3161,
0.3301

48.8605, 0.2443,
0.2996

78.2539, 0.3314,
0.3347

45.5350, 0.2331,
0.2923

82.4375, 0.3375,
0.3391

■ 42.5967, 0.2236,
0.2849

■ 84.9663, 0.3369,
0.3435

■ 40.0164, 0.2160,
0.2773

■ 87.5605, 0.3362,
0.3479

■ 37.7593, 0.2103,
0.2697

■ 90.2204, 0.3356,
0.3523

■ 35.7776, 0.2065,
0.2623

■ 92.9466, 0.3350,
0.3566

■ 35.3665, 0.2057,
0.2607

■ 95.7395, 0.3344,
0.3609

Harmonies

Analogous

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



61.4063, 0.2918, 0.3324



61.4063, 0.2855, 0.3193



61.4063, 0.2863, 0.3092

Triad

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



61.4063, 0.2855, 0.3193



61.4063, 0.3215, 0.3139



61.4063, 0.3314, 0.3540

Complementary

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



61.4063, 0.2855, 0.3193



54.3431, 0.3454, 0.3385

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.



61.4063, 0.3398, 0.3483



61.4063, 0.2855, 0.3193



61.4063, 0.3340, 0.3252

Square

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



61.4063, 0.2855, 0.3193



61.4063, 0.3068, 0.3065



61.4063, 0.3407, 0.3377



61.4063, 0.3181, 0.3529

Rectangle

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



61.4063, 0.2855, 0.3193



61.4063, 0.2908, 0.3055



61.4063, 0.3407, 0.3377



61.4063, 0.3349, 0.3528

Sweetspot

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



61.4088, 0.2855, 0.3193



95.9981, 0.3049, 0.3264



64.0092, 0.3054, 0.3673



20.4303, 0.3039, 0.3261



0.0000, 0.0000, 0.0000



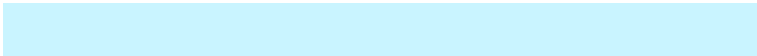
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4088, 0.2855, 0.3193



84.3862, 0.2805, 0.3173



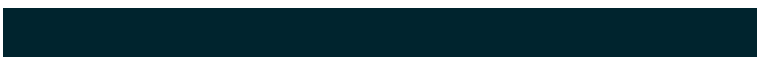
52.3916, 0.2843, 0.2955



14.3505, 0.2982, 0.3241



21.1235, 0.2061, 0.2618



1.4856, 0.2094, 0.2740

Inverse Universe

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



52.4109, 0.3211, 0.2937



69.7735, 0.3230, 0.2869



63.1457, 0.3416, 0.3604



13.2265, 0.3169, 0.3106



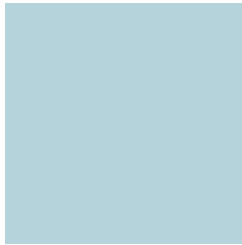
10.7562, 0.3807, 0.1871



0.7087, 0.3691, 0.1807

Previews

White Background



This preview shows how the Yxy color 61.4063, 0.2855, 0.3193 looks on a white background.

Color Contrast Check

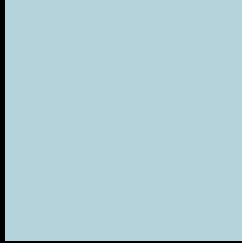
Large Text (above 18pt) WCAG AA × Fail

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 61.4063, 0.2855, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

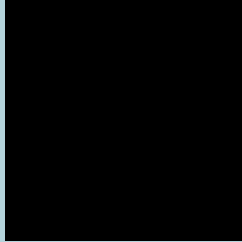
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

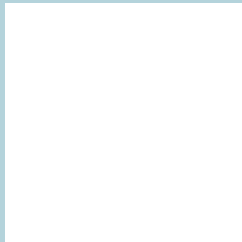
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4063, 0.2855, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 61.4063, 0.2855, 0.3193.



This preview shows how white text looks on a background with the Yxy color 61.4063, 0.2855, 0.3193.

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

61.4063, 0.2855, 0.3193

Protanopia

61.2138, 0.3065, 0.3163

Deuteranopia

60.9727, 0.3116, 0.3045



Tritanopia

61.4630, 0.2812, 0.3088

Trichromacy



Original Color

61.4063, 0.2855, 0.3193

Protanomaly

61.4538, 0.2992, 0.3185

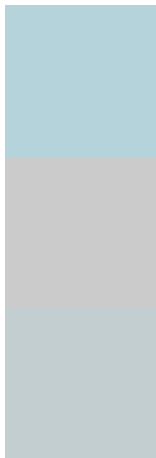
Deuteranomaly

60.7165, 0.3016, 0.3095

Tritanomaly

61.2988, 0.2830, 0.3123

Monochromacy



Original Color

61.4063, 0.2855, 0.3193

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.3482, 0.3024, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4063, 0.2855, 0.3193 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(180, 211, 219)` looks like.

```
.text, #text, p{  
    color:rgb(180, 211, 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(180, 211, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 211, 219) }
```

Border

The CSS property to change the border of an element to Yxy 61.4063, 0.2855, 0.3193 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(180, 211, 219) }
```

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

```
.border{ border-color:rgb(180, 211, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 211, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 211, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 211, 219);  
box-shadow:4px 4px 4px 4px rgb(180, 211,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4063, 0.2855, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 211, 219) }
```

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

```
.background{ background-color: rgb(180,  
211, 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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