

Converting Colors

$Yxy(60.2338, 0.2881, 0.3288)$

Have a look what the booklet for
Yxy(60.2338, 0.2881, 0.3288)
contains.

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Color

Yxy(60.0264, 0.2878, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B0D2D3
RGB	176, 210, 211
RGB Percent	69%, 82%, 83%
CMY	0.3096, 0.1765, 0.1726
CMYK	0.17, 0.00, 0.00, 0.17
HSL	182°, 28%, 76%
HSV	182°, 17%, 83%
XYZ	52.7177, 60.0264, 70.4307
YIQ	199.9480, -20.5850, -6.8970

Conversions

Conversions Part 2

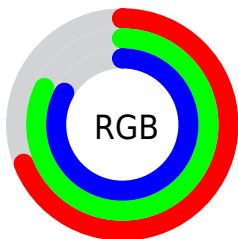
Format	Color
R_{YB}	176, 193, 211
Decimal	11588307
CIE Lab	81.85, -10.97, -4.26
CIE LCh	82, 11.763, 201.211
Yxy	60.0264, 0.2878, 0.3277
Android (android.graphics.Color)	4289778387 (0xFFB0D2D3)
YUV	199.9480, 5.4486, -21.0024
Hunter-Lab	77.4767, -14.1269, 0.3357

Details

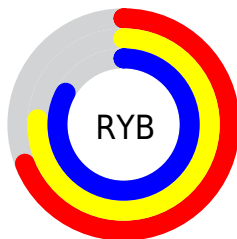
The Yxy color **60.0264, 0.2878, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.4533, 0.3438, 0.3303**, and the grayscale version is **57.7076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **30.4222, 0.2812, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **57.4582, 0.2740, 0.3268**, and if you desaturate by 10%, it is **62.9830, 0.3026, 0.3285**.

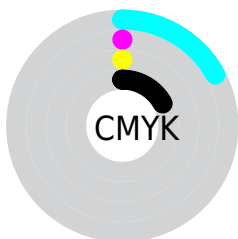
Distribution



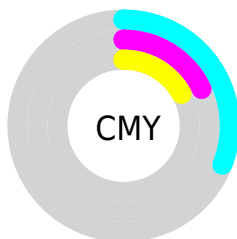
- Red (69%)
- Green (82%)
- Blue (83%)



- Red (69%)
- Yellow (76%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (31%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0264, 0.2878, 0.3277 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 60.0264, 0.2878, 0.3277 by changing the saturation by 10% instead.

■ 60.0264, 0.2878,
0.3277

■ 60.0264, 0.2878,
0.3277

424.6951, 0.2997,
0.3284

■ 43.4399, 0.2850,
0.3275

■ 104.8680, 0.2920,
0.3280

■ 30.2304, 0.2815,
0.3272

133.8918, 0.2936,
0.3281

■ 20.0136, 0.2770,
0.3268

167.8303, 0.2950,
0.3282

■ 12.4049, 0.2710,
0.3263

207.0677, 0.2962,
0.3282

■ 7.0201, 0.2625,
0.3254

251.9885, 0.2972,
0.3283

■ 3.4746, 0.2499,
0.3239

302.9771, 0.2981,

■ 1.3843, 0.2287,

0.3284

0.3207

360.4178, 0.2989,
0.3284

0.2051, 0.0000,
0.2825

0.0000, 0.0000,
0.0000

60.0264, 0.2878,
0.3277

60.0264, 0.2878,
0.3277

57.4582, 0.2740,
0.3268

62.9830, 0.3026,
0.3285

55.2533, 0.2614,
0.3259

66.3371, 0.3181,
0.3292

53.3952, 0.2504,
0.3250

70.1066, 0.3340,
0.3299

51.8633, 0.2411,
0.3240

73.2565, 0.3458,
0.3305

■ 50.6347, 0.2337,
0.3231

■ 73.5604, 0.3457,
0.3312

■ 49.6835, 0.2282,
0.3221

■ 73.8655, 0.3456,
0.3318

■ 48.9794, 0.2246,
0.3212

■ 74.1718, 0.3455,
0.3324

■ 48.4838, 0.2227,
0.3202

■ 74.4792, 0.3454,
0.3330

■ 48.3372, 0.2222,
0.3199

■ 74.7877, 0.3453,
0.3336

Harmonies

Analogous

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



60.0264, 0.2985, 0.3415



60.0264, 0.2878, 0.3277



60.0264, 0.2837, 0.3147

Triad

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



60.0264, 0.2878, 0.3277



60.0264, 0.3118, 0.3075



60.0264, 0.3388, 0.3519

Complementary

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



60.0264, 0.2878, 0.3277



48.4533, 0.3438, 0.3303

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.



60.0264, 0.3426, 0.3422



60.0264, 0.2878, 0.3277



60.0264, 0.3268, 0.3169

Square

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



60.0264, 0.2878, 0.3277



60.0264, 0.2973, 0.3035



60.0264, 0.3382, 0.3295



60.0264, 0.3279, 0.3556

Rectangle

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



60.0264, 0.2878, 0.3277



60.0264, 0.2852, 0.3083



60.0264, 0.3382, 0.3295



60.0264, 0.3410, 0.3492

Sweetspot

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



60.0289, 0.2878, 0.3277



97.4284, 0.3049, 0.3286



58.9825, 0.3102, 0.3726



20.7790, 0.3038, 0.3286



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.



60.0289, 0.2878, 0.3277



90.6474, 0.2826, 0.3274



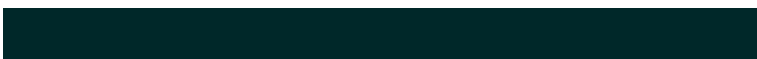
52.0551, 0.2868, 0.3064



13.3465, 0.2983, 0.3283



29.2006, 0.2222, 0.3201



1.6514, 0.2227, 0.3218

Inverse Universe

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



49.5745, 0.3154, 0.2894



71.5719, 0.3161, 0.2805



55.6169, 0.3405, 0.3506



12.0030, 0.3142, 0.3067



11.0191, 0.3282, 0.1581



0.6180, 0.3267, 0.1574

Previews

White Background



This preview shows how the Yxy color 60.0264, 0.2878, 0.3277 looks on a white background.

Color Contrast Check

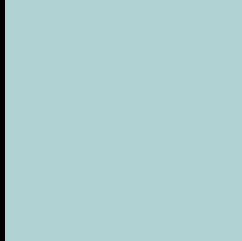
Large Text (above 18pt) WCAG AA × Fail

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 60.0264, 0.2878, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

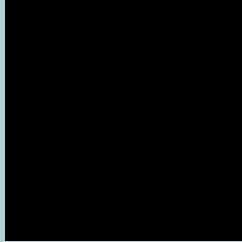
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

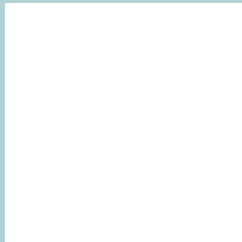
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0264, 0.2878, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 60.0264, 0.2878, 0.3277.



This preview shows how white text looks on a background with the Yxy color 60.0264, 0.2878, 0.3277.

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

60.0264, 0.2878, 0.3277

Protanopia

59.8191, 0.3129, 0.3243

Deuteranopia

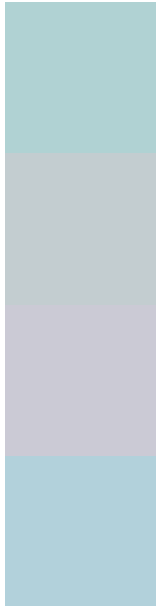
59.6930, 0.3168, 0.3099



Tritanopia

60.0773, 0.2816, 0.3098

Trichromacy



Original Color

60.0264, 0.2878, 0.3277

Protanomaly

59.8188, 0.3031, 0.3254

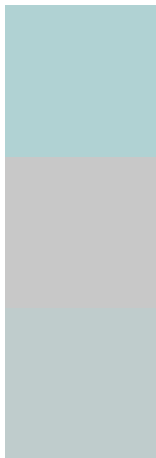
Deuteranomaly

59.7417, 0.3057, 0.3162

Tritanomaly

60.1804, 0.2841, 0.3169

Monochromacy



Original Color

60.0264, 0.2878, 0.3277

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.6217, 0.3029, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0264, 0.2878, 0.3277 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, 210, 211)` looks like.

```
.text, #text, p{  
    color:rgb(176, 210, 211)  
}
```

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, 210, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 210, 211) }
```

Border

The CSS property to change the border of an element to Yxy 60.0264, 0.2878, 0.3277 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, 210, 211) }
```

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

```
.border{ border-color:rgb(176, 210, 211) }
```

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

Here you see how a box with a 4 pixel rgb(176, 210, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 210, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 210, 211);  
box-shadow:4px 4px 4px 4px rgb(176, 210,  
211) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 60.0264, 0.2878, 0.3277$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 210, 211) }
```

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

```
.background{ background-color: rgb(176,  
210, 211) }
```

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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