

Converting Colors

$Yxy(60.2982, 0.2837, 0.3465)$

Have a look what the booklet for
Yxy(60.2982, 0.2837, 0.3465)
contains.

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Color

Yxy(60.2915, 0.2837, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	A0D7C9
RGB	160, 215, 201
RGB Percent	63%, 84%, 79%
CMY	0.3723, 0.1569, 0.2117
CMYK	0.26, 0.00, 0.06, 0.16
HSL	165°, 41%, 74%
HSV	165°, 26%, 84%
XYZ	49.3500, 60.2915, 64.3098
YIQ	196.9590, -28.2860, -16.0140

Conversions

Conversions Part 2

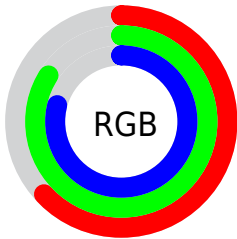
Format	Color
RYB	160, 192, 215
Decimal	10541001
CIELab	82.00, -20.53, 1.16
CIElCh	82, 20.560, 176.779
Yxy	60.2915, 0.2837, 0.3466
Android (android.graphics.Color)	4288731081 (0xFFA0D7C9)
YUV	196.9590, 1.9922, -32.4130
Hunter-Lab	77.6476, -22.4353, 5.2478

Details

The Yxy color **60.2915, 0.2837, 0.3466** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.6622, 0.3530, 0.3122**, and the grayscale version is **55.8174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **30.3740, 0.2764, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **58.0129, 0.2738, 0.3546**, and if you desaturate by 10%, it is **62.9674, 0.2946, 0.3392**.

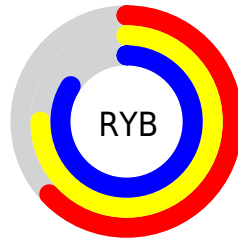
Distribution



Red (63%)

Green (84%)

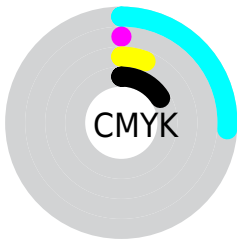
Blue (79%)



Red (63%)

Yellow (75%)

Blue (84%)

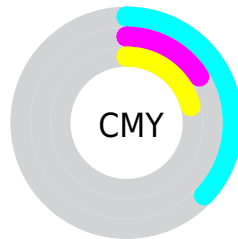


Cyan (26%)

Magenta (0%)

Yellow (6%)

Black (16%)



Cyan (37%)


Magenta (16%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2915, 0.2837, 0.3466 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 60.2915, 0.2837, 0.3466 by changing the saturation by 10% instead.

 60.2915, 0.2837,
0.3466

 60.2915, 0.2837,
0.3466


425.6714, 0.2976,
0.3381

 43.6536, 0.2804,
0.3486

 105.2524, 0.2886,
0.3436

 30.3983, 0.2763,
0.3511


 134.3442, 0.2905,
0.3425

 20.1411, 0.2709,
0.3544

168.3562, 0.2921,
0.3415

 12.4977, 0.2638,
0.3589

207.6726, 0.2935,
0.3406

 7.0836, 0.2537,
0.3652

252.6780, 0.2947,
0.3399

 3.5144, 0.2384,
0.3748

303.7566, 0.2958,

 1.4058, 0.2120,

0.3392

0.3915

361.2930, 0.2967,
0.3387

0.2210, 0.0000,
0.5803

0.0000, 0.0000,
0.0000

60.2915, 0.2837,
0.3466

60.2915, 0.2837,
0.3466

58.0129, 0.2738,
0.3546

62.9674, 0.2946,
0.3392

56.1043, 0.2650,
0.3632


66.0516, 0.3061,
0.3325

54.5466, 0.2579,
0.3722

69.5637, 0.3180,
0.3264


53.3162, 0.2524,
0.3815

73.5200, 0.3301,
0.3209


 52.3860, 0.2489,
0.3910

 75.4777, 0.3329,
0.3157

 51.7248, 0.2474,
0.4005

 75.7868, 0.3290,
0.3103

 51.2945, 0.2478,
0.4100

 76.1054, 0.3252,
0.3050

 51.1467, 0.2484,
0.4142

 76.4339, 0.3215,
0.2997

 76.7722, 0.3177,
0.2945

Harmonies

Analogous

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



60.2915, 0.3080, 0.3671



60.2915, 0.2837, 0.3466



60.2915, 0.2675, 0.3216

Triad

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



60.2915, 0.2837, 0.3466



60.2915, 0.2900, 0.2859



60.2915, 0.3651, 0.3549

Complementary

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



60.2915, 0.2837, 0.3466



42.6622, 0.3530, 0.3122

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.



60.2915, 0.3600, 0.3334



60.2915, 0.2837, 0.3466



60.2915, 0.3158, 0.2947

Square

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



60.2915, 0.2837, 0.3466



60.2915, 0.2710, 0.2875



60.2915, 0.3417, 0.3118



60.2915, 0.3554, 0.3708

Rectangle

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



60.2915, 0.2837, 0.3466



60.2915, 0.2631, 0.3064



60.2915, 0.3417, 0.3118



60.2915, 0.3650, 0.3481

Sweetspot

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



60.2940, 0.2837, 0.3466



96.0046, 0.3032, 0.3341



60.2162, 0.3200, 0.3992



20.3979, 0.3014, 0.3351



0.0000, 0.0000, 0.0000



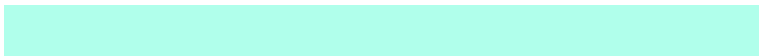
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2940, 0.2837, 0.3466



86.7370, 0.2778, 0.3511



54.7070, 0.2740, 0.3127



14.0514, 0.3016, 0.3350



30.6124, 0.2480, 0.4128



1.8594, 0.2435, 0.3964

Inverse Universe

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



42.6622, 0.3530, 0.3122



56.2786, 0.3654, 0.3082



46.8236, 0.3629, 0.3447



12.4721, 0.3252, 0.3231



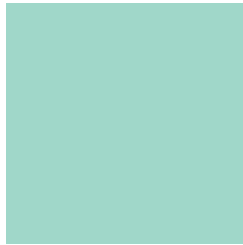
8.8187, 0.5903, 0.3026



0.5454, 0.5404, 0.2750

Previews

White Background



This preview shows how the Yxy color 60.2915, 0.2837, 0.3466 looks on a white background.

Color Contrast Check

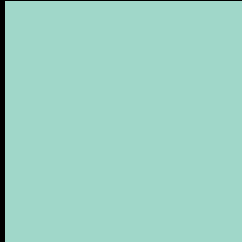
Large Text (above 18pt) WCAG AA × Fail

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 60.2915, 0.2837, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

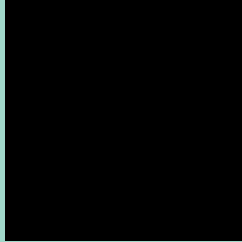
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

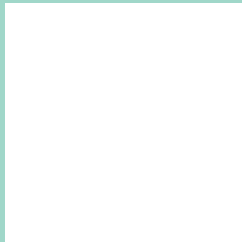
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2915, 0.2837, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 60.2915, 0.2837, 0.3466.

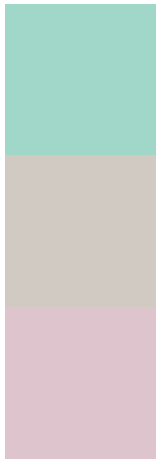


This preview shows how white text looks on a background with the Yxy color 60.2915, 0.2837, 0.3466.

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

60.2915, 0.2837, 0.3466

Protanopia

59.6914, 0.3240, 0.3384

Deuteranopia

59.8699, 0.3267, 0.3200



Tritanopia

60.2970, 0.2711, 0.3083

Trichromacy



Original Color

60.2915, 0.2837, 0.3466

Protanomaly

59.7332, 0.3077, 0.3411

Deuteranomaly

59.6875, 0.3089, 0.3290

Tritanomaly

60.0414, 0.2758, 0.3215

Monochromacy



Original Color

60.2915, 0.2837, 0.3466

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.4533, 0.3018, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2915, 0.2837, 0.3466 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(160, 215, 201)` looks like.

```
.text, #text, p{  
    color:rgb(160, 215, 201)  
}
```

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(160, 215, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 215, 201) }
```

Border

The CSS property to change the border of an element to Yxy 60.2915, 0.2837, 0.3466 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(160, 215, 201) }
```

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

```
.border{ border-color:rgb(160, 215, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 215, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 215, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 215, 201);  
box-shadow:4px 4px 4px 4px rgb(160, 215,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2915, 0.2837, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 215, 201) }
```

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

```
.background{ background-color: rgb(160,  
215, 201) }
```

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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