

Converting Colors

$Yxy(62.7298, 0.2877, 0.3384)$

Have a look what the booklet for
Yxy(62.7298, 0.2877, 0.3384)
contains.

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Color

Yxy(62.5994, 0.2873, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	ADD8D1
RGB	173, 216, 209
RGB Percent	68%, 85%, 82%
CMY	0.3218, 0.1529, 0.1804
CMYK	0.20, 0.00, 0.03, 0.15
HSL	170°, 36%, 76%
HSV	170°, 20%, 85%
XYZ	53.2883, 62.5994, 69.5920
YIQ	202.3450, -23.3810, -11.2930

Conversions

Conversions Part 2

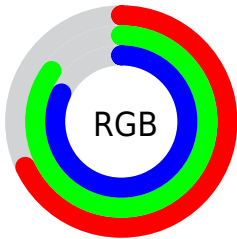
Format	Color
RYB	173, 196, 216
Decimal	11393233
CIELab	83.23, -15.43, -1.19
CIELCh	83, 15.478, 184.409
Yxy	62.5994, 0.2873, 0.3375
Android (android.graphics.Color)	4289583313 (0xFFADD8D1)
YUV	202.3450, 3.2809, -25.7356
Hunter-Lab	79.1198, -18.2373, 3.2337

Details

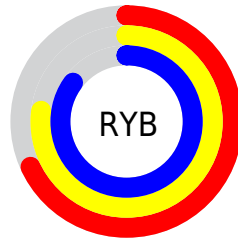
The Yxy color **62.5994, 0.2873, 0.3375** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.7622, 0.3458, 0.3207**, and the grayscale version is **59.2745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **31.8494, 0.2809, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **60.1637, 0.2758, 0.3423**, and if you desaturate by 10%, it is **65.4422, 0.2997, 0.3330**.

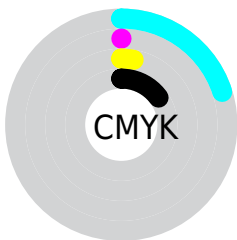
Distribution



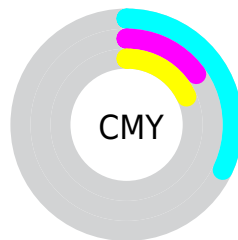
- Red (68%)
- Green (85%)
- Blue (82%)



- Red (68%)
- Yellow (77%)
- Blue (85%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)




- Cyan (32%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5994, 0.2873, 0.3375 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 62.5994, 0.2873, 0.3375 by changing the saturation by 10% instead.

 62.5994, 0.2873,
0.3375

 62.5994, 0.2873,
0.3375

434.1142, 0.2993,
0.3335

 45.5172, 0.2845,
0.3384


 108.5914, 0.2915,
0.3361

 31.8650, 0.2809,
0.3396


138.2699, 0.2932,
0.3356

 21.2584, 0.2764,
0.3410


172.9161, 0.2946,
0.3351

 13.3130, 0.2704,
0.3430

212.9142, 0.2958,
0.3347

 7.6444, 0.2619,
0.3457

258.6486, 0.2968,
0.3344

 3.8683, 0.2493,
0.3496

310.5038, 0.2978,

 1.6002, 0.2286,

0.3340

0.3559

368.8642, 0.2986,
0.3338

0.3577, 0.0000,
0.4308

0.0000, 0.0000,
0.0000

62.5994, 0.2873,
0.3375

62.5994, 0.2873,
0.3375

60.1637, 0.2758,
0.3423

65.4422, 0.2997,
0.3330

58.1081, 0.2654,
0.3475

68.7023, 0.3128,
0.3290

56.4147, 0.2565,
0.3530

72.3989, 0.3262,
0.3253

55.0608, 0.2494,
0.3586

75.7128, 0.3365,
0.3220

■ 54.0210, 0.2441,
0.3644

■ 75.9048, 0.3340,
0.3184

■ 53.2665, 0.2407,
0.3703

■ 76.1009, 0.3315,
0.3150

■ 52.7633, 0.2393,
0.3761

■ 76.3009, 0.3290,
0.3115

■ 52.4504, 0.2394,
0.3819

■ 76.5050, 0.3266,
0.3080

■ 52.4486, 0.2394,
0.3819

■ 76.7131, 0.3242,
0.3046

Harmonies

Analogous

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



62.5994, 0.3044, 0.3538



62.5994, 0.2873, 0.3375



62.5994, 0.2771, 0.3192

Triad

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



62.5994, 0.2873, 0.3375



62.5994, 0.3005, 0.2975



62.5994, 0.3507, 0.3522

Complementary

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



62.5994, 0.2873, 0.3375



47.7622, 0.3458, 0.3207

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.



62.5994, 0.3497, 0.3369



62.5994, 0.2873, 0.3375



62.5994, 0.3202, 0.3060

Square

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



62.5994, 0.2873, 0.3375



62.5994, 0.2845, 0.2968



62.5994, 0.3384, 0.3202



62.5994, 0.3412, 0.3620

Rectangle

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



62.5994, 0.2873, 0.3375



62.5994, 0.2753, 0.3087



62.5994, 0.3384, 0.3202



62.5994, 0.3516, 0.3475

Sweetspot

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



62.6020, 0.2873, 0.3375



97.0532, 0.3048, 0.3314



61.8540, 0.3153, 0.3828



20.7077, 0.3039, 0.3317



0.0000, 0.0000, 0.0000



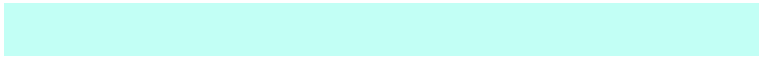
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6020, 0.2873, 0.3375



89.5568, 0.2822, 0.3395



55.9187, 0.2819, 0.3112



14.0715, 0.3004, 0.3328



31.0522, 0.2392, 0.3810



1.8824, 0.2364, 0.3710

Inverse Universe

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



47.7622, 0.3458, 0.3207



64.1036, 0.3549, 0.3188



53.2861, 0.3488, 0.3461



12.4535, 0.3266, 0.3252



8.7242, 0.6154, 0.3164



0.5367, 0.5712, 0.2921

Previews

White Background



This preview shows how the Yxy color 62.5994, 0.2873, 0.3375 looks on a white background.

Color Contrast Check

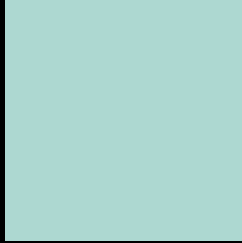
Large Text (above 18pt) WCAG AA × Fail

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 62.5994, 0.2873, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

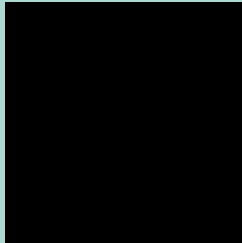
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

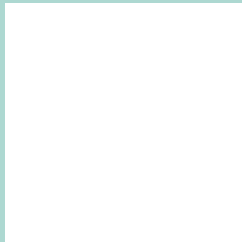
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5994, 0.2873, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 62.5994, 0.2873, 0.3375.

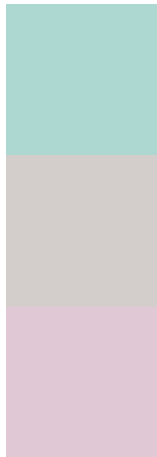


This preview shows how white text looks on a background with the Yxy color 62.5994, 0.2873, 0.3375.

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

62.5994, 0.2873, 0.3375

Protanopia

62.3033, 0.3187, 0.3325

Deuteranopia

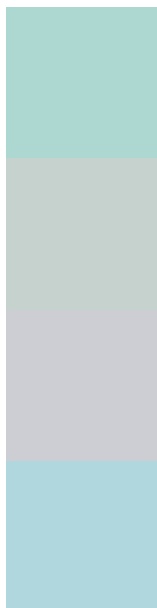
61.9093, 0.3227, 0.3157



Tritanopia

62.6488, 0.2771, 0.3088

Trichromacy



Original Color

62.5994, 0.2873, 0.3375

Protanomaly

62.3713, 0.3065, 0.3349

Deuteranomaly

61.8249, 0.3085, 0.3232

Tritanomaly

62.5972, 0.2813, 0.3193

Monochromacy



Original Color

62.5994, 0.2873, 0.3375

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.1098, 0.3022, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5994, 0.2873, 0.3375 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(173, 216, 209)` looks like.

```
.text, #text, p{  
    color:rgb(173, 216, 209)  
}
```

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(173, 216, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 216, 209) }
```

Border

The CSS property to change the border of an element to Yxy 62.5994, 0.2873, 0.3375 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(173, 216, 209) }
```

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

```
.border{ border-color:rgb(173, 216, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 216, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 216, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 216, 209);  
box-shadow:4px 4px 4px 4px rgb(173, 216,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5994, 0.2873, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 216, 209) }
```

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

```
.background{ background-color: rgb(173,  
216, 209) }
```

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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