

Converting Colors

$Yxy(62.9662, 0.2802, 0.3453)$

Have a look what the booklet for
Yxy(62.9662, 0.2802, 0.3453)
contains.

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Color

Yxy(63.0623, 0.2800, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	9FDCCF
RGB	159, 220, 207
RGB Percent	62%, 86%, 81%
CMY	0.3761, 0.1373, 0.1882
CMYK	0.28, 0.00, 0.06, 0.14
HSL	167°, 47%, 74%
HSV	167°, 28%, 86%
XYZ	51.1662, 63.0623, 68.5078
YIQ	200.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

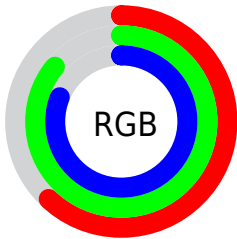
Format	Color
RYB	159, 193, 220
Decimal	10476751
CIELab	83.48, -22.03, 0.13
CIELCh	83, 22.031, 179.661
Yxy	63.0623, 0.2800, 0.3451
Android (android.graphics.Color)	4288666831 (0xFF9FDCCF)
YUV	200.2790, 3.3135, -36.2017
Hunter-Lab	79.4118, -23.9604, 4.4393

Details

The Yxy color **63.0623, 0.2800, 0.3451** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0208, 0.3600, 0.3136**, and the grayscale version is **57.9453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **32.2743, 0.2720, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **60.7848, 0.2699, 0.3519**, and if you desaturate by 10%, it is **65.7520, 0.2912, 0.3388**.

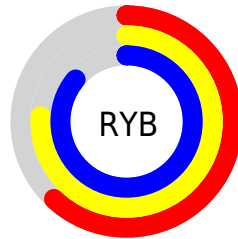
Distribution



Red (62%)

Green (86%)

Blue (81%)



Red (62%)

Yellow (76%)

Blue (86%)

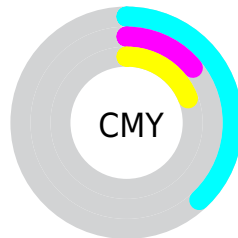


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (14%)



Cyan (38%)


Magenta (14%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0623, 0.2800, 0.3451 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 63.0623, 0.2800, 0.3451 by changing the saturation by 10% instead.


 63.0623, 0.2800,
0.3451

 63.0623, 0.2800,
0.3451


435.7956, 0.2955,
0.3375

 45.8916, 0.2764,
0.3469


 109.2594, 0.2855,
0.3424

 32.1603, 0.2718,
0.3491


 139.0546, 0.2875,
0.3414

 21.4840, 0.2660,
0.3520


173.8267, 0.2893,
0.3405

 13.4782, 0.2583,
0.3558

213.9602, 0.2909,
0.3397

 7.7587, 0.2475,
0.3611

259.8394, 0.2923,
0.3391

 3.9409, 0.2314,
0.3691

311.8488, 0.2935,

 1.6406, 0.2051,

0.3385

0.3821

370.3727, 0.2945,
0.3380

0.3847, 0.0000,
0.4842

0.0000, 0.0000,
0.0000

63.0623, 0.2800,
0.3451

63.0623, 0.2800,
0.3451

60.7848, 0.2699,
0.3519

65.7520, 0.2912,
0.3388

58.8907, 0.2611,
0.3590

68.8660, 0.3032,
0.3331


57.3591, 0.2539,
0.3666

72.4252, 0.3156,
0.3278

56.1643, 0.2486,
0.3743


76.4470, 0.3283,
0.3232


 55.2772, 0.2452,
0.3822


 78.1788, 0.3308,
0.3186

 54.6634, 0.2438,
0.3900


 78.4466, 0.3276,
0.3140

 54.2755, 0.2441,
0.3978

 78.7215, 0.3244,
0.3094

 54.2004, 0.2443,
0.3996

 79.0037, 0.3212,
0.3049

 79.2931, 0.3181,
0.3004

Harmonies

Analogous

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



63.0623, 0.3050, 0.3677



63.0623, 0.2800, 0.3451



63.0623, 0.2640, 0.3186

Triad

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



63.0623, 0.2800, 0.3451



63.0623, 0.2911, 0.2841



63.0623, 0.3677, 0.3582

Complementary

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



63.0623, 0.2800, 0.3451



43.0208, 0.3600, 0.3136

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.



63.0623, 0.3639, 0.3358



63.0623, 0.2800, 0.3451



63.0623, 0.3187, 0.2943

Square

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



63.0623, 0.2800, 0.3451



63.0623, 0.2702, 0.2846



63.0623, 0.3456, 0.3129



63.0623, 0.3560, 0.3742

Rectangle

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



63.0623, 0.2800, 0.3451



63.0623, 0.2602, 0.3031



63.0623, 0.3456, 0.3129



63.0623, 0.3682, 0.3511

Sweetspot

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



63.0649, 0.2800, 0.3451



96.0572, 0.3027, 0.3333



62.4887, 0.3183, 0.4065



20.4112, 0.3009, 0.3341



0.0000, 0.0000, 0.0000



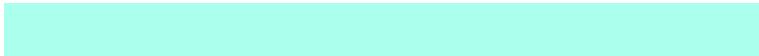
21.4041, 0.3127, 0.3290

Same Dimension

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



63.0649, 0.2800, 0.3451



86.2789, 0.2742, 0.3488



55.1319, 0.2704, 0.3072



14.7795, 0.3010, 0.3340



31.8306, 0.2440, 0.3984



2.0743, 0.2405, 0.3857

Inverse Universe

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



43.0208, 0.3600, 0.3136



53.9943, 0.3733, 0.3104



48.9047, 0.3673, 0.3497



13.0967, 0.3258, 0.3240



9.0633, 0.6029, 0.3095



0.6000, 0.5571, 0.2843

Previews

White Background



This preview shows how the Yxy color 63.0623, 0.2800, 0.3451 looks on a white background.

Color Contrast Check

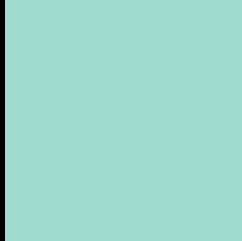
Large Text (above 18pt) WCAG AA × Fail

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 63.0623, 0.2800, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

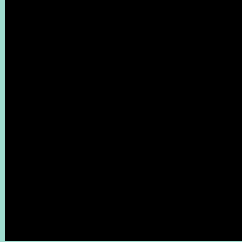
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

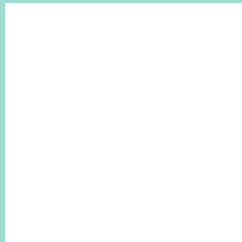
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0623, 0.2800, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 63.0623, 0.2800, 0.3451.

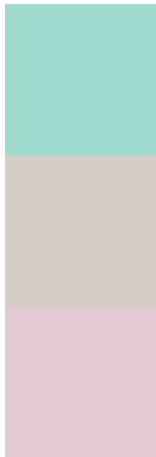


This preview shows how white text looks on a background with the Yxy color 63.0623, 0.2800, 0.3451.

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

63.0623, 0.2800, 0.3451

Protanopia

62.4123, 0.3231, 0.3371

Deuteranopia

62.6452, 0.3249, 0.3180



Tritanopia

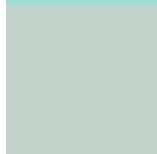
62.9943, 0.2684, 0.3086

Trichromacy



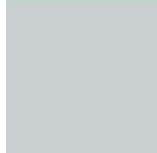
Original Color

63.0623, 0.2800, 0.3451



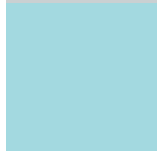
Protanomaly

62.1903, 0.3056, 0.3397



Deuteranomaly

62.3215, 0.3069, 0.3267



Tritanomaly

62.7941, 0.2723, 0.3204

Monochromacy



Original Color

63.0623, 0.2800, 0.3451



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

59.2517, 0.2992, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0623, 0.2800, 0.3451 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(159, 220, 207)` looks like.

```
.text, #text, p{  
    color:rgb(159, 220, 207)  
}
```

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(159, 220, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 220, 207) }
```

Border

The CSS property to change the border of an element to Yxy 63.0623, 0.2800, 0.3451 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(159, 220, 207) }
```

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

```
.border{ border-color:rgb(159, 220, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 220, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 220, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 220, 207);  
box-shadow:4px 4px 4px 4px rgb(159, 220,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0623, 0.2800, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 220, 207) }
```

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

```
.background{ background-color: rgb(159,  
220, 207) }
```

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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