

Converting Colors

$Y_{xy}(62.2655, 0.2829, 0.3550)$

Have a look what the booklet for
Yxy(62.2655, 0.2829, 0.3550)
contains.

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Color

Yxy(62.3778, 0.2828, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	9CDCC7
RGB	156, 220, 199
RGB Percent	61%, 86%, 78%
CMY	0.3880, 0.1373, 0.2195
CMYK	0.29, 0.00, 0.10, 0.14
HSL	160°, 48%, 74%
HSV	160°, 29%, 86%
XYZ	49.6215, 62.3778, 63.4657
YIQ	198.4700, -31.4030, -20.0990

Conversions

Conversions Part 2

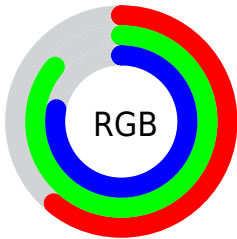
Format	Color
RYB	156, 194, 220
Decimal	10280135
CIELab	83.11, -24.61, 3.82
CIELCh	83, 24.904, 171.178
Yxy	62.3778, 0.2828, 0.3555
Android (android.graphics.Color)	4288470215 (0xFF9CDCC7)
YUV	198.4700, 0.2613, -37.2462
Hunter-Lab	78.9796, -26.0659, 7.6420

Details

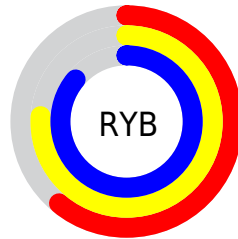
The Yxy color **62.3778, 0.2828, 0.3555** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1865, 0.3558, 0.3042**, and the grayscale version is **56.7942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **31.8382, 0.2756, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **60.0524, 0.2740, 0.3663**, and if you desaturate by 10%, it is **65.1217, 0.2925, 0.3455**.

Distribution



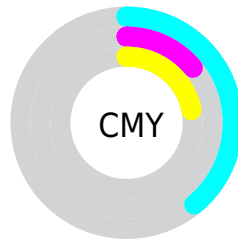
- Red (61%)
- Green (86%)
- Blue (78%)



- Red (61%)
- Yellow (76%)
- Blue (86%)



- Cyan (29%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)




- Cyan (39%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3778, 0.2828, 0.3555 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 62.3778, 0.2828, 0.3555 by changing the saturation by 10% instead.

 62.3778, 0.2828,
0.3555

 62.3778, 0.2828,
0.3555


433.3078, 0.2971,
0.3427

 45.3380, 0.2794,
0.3586


 108.2714, 0.2879,
0.3509

 31.7238, 0.2752,
0.3624


 137.8940, 0.2898,
0.3492

 21.1506, 0.2697,
0.3675


172.4796, 0.2915,
0.3477

 13.2341, 0.2623,
0.3743

212.4128, 0.2929,
0.3464

 7.5900, 0.2519,
0.3840

258.0778, 0.2941,
0.3453

 3.8337, 0.2362,
0.3990

309.8590, 0.2953,

 1.5810, 0.2096,

0.3444

0.4253

368.1409, 0.2962,
0.3435

■ 0.3447, 0.0000,
0.7609

■ 0.0000, 0.0000,
0.0000

■ 62.3778, 0.2828,
0.3555

■ 62.3778, 0.2828,
0.3555

■ 60.0524, 0.2740,
0.3663

■ 65.1217, 0.2925,
0.3455

■ 58.1161, 0.2665,
0.3778


■ 68.2966, 0.3029,
0.3365

■ 56.5478, 0.2605,
0.3899

■ 71.9237, 0.3137,
0.3283

■ 55.3213, 0.2564,
0.4024

■ 76.0205, 0.3247,
0.3209


 54.4064, 0.2542,
0.4150


 78.4467, 0.3276,
0.3140

 53.7678, 0.2541,
0.4276

 78.8727, 0.3227,
0.3070

 53.3494, 0.2557,
0.4401

 79.3159, 0.3179,
0.3001

 53.3146, 0.2559,
0.4412

 79.6625, 0.3143,
0.2950

Harmonies

Analogous

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



62.3778, 0.3127, 0.3783



62.3778, 0.2828, 0.3555



62.3778, 0.2615, 0.3253

Triad

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



62.3778, 0.2828, 0.3555



62.3778, 0.2805, 0.2772



62.3778, 0.3758, 0.3550

Complementary

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



62.3778, 0.2828, 0.3555



42.1865, 0.3558, 0.3042

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.



62.3778, 0.3665, 0.3290



62.3778, 0.2828, 0.3555



62.3778, 0.3102, 0.2856

Square

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



62.3778, 0.2828, 0.3555



62.3778, 0.2602, 0.2813



62.3778, 0.3420, 0.3042



62.3778, 0.3671, 0.3761

Rectangle

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



62.3778, 0.2828, 0.3555



62.3778, 0.2545, 0.3064



62.3778, 0.3420, 0.3042



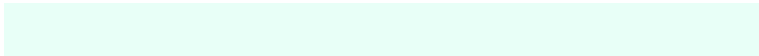
62.3778, 0.3747, 0.3465

Sweetspot

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



62.3804, 0.2828, 0.3555



95.4286, 0.3029, 0.3365



62.9753, 0.3239, 0.4095



20.2780, 0.3014, 0.3378



0.0000, 0.0000, 0.0000



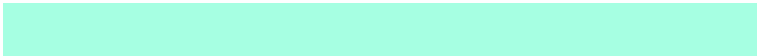
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3804, 0.2828, 0.3555



85.0754, 0.2772, 0.3621



58.0069, 0.2694, 0.3156



14.7531, 0.3026, 0.3368



31.3135, 0.2554, 0.4393



2.0443, 0.2497, 0.4191

Inverse Universe

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



42.1865, 0.3558, 0.3042



52.3833, 0.3687, 0.2986



45.1493, 0.3733, 0.3420



13.1216, 0.3240, 0.3214



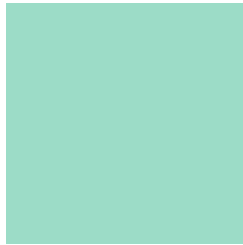
9.2243, 0.5649, 0.2885



0.6132, 0.5186, 0.2631

Previews

White Background



This preview shows how the Yxy color 62.3778, 0.2828, 0.3555 looks on a white background.

Color Contrast Check

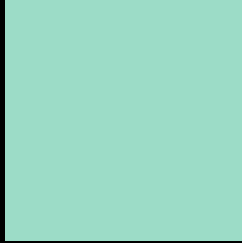
Large Text (above 18pt) WCAG AA × Fail

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 62.3778, 0.2828, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

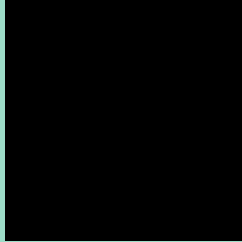
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

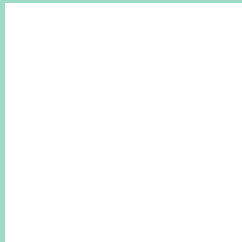
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3778, 0.2828, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 62.3778, 0.2828, 0.3555.

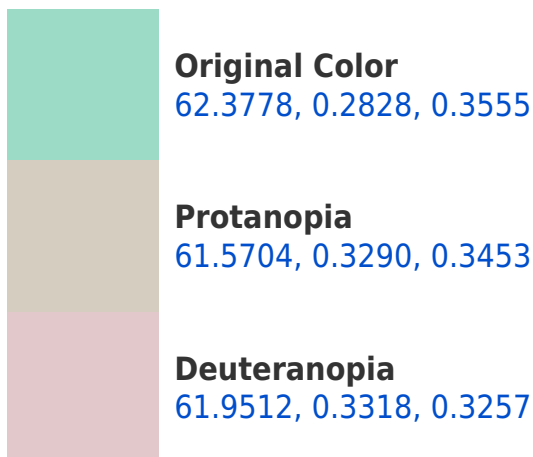


This preview shows how white text looks on a background with the Yxy color 62.3778, 0.2828, 0.3555.

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





Tritanopia

62.2136, 0.2676, 0.3085

Trichromacy



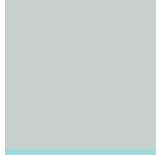
Original Color

62.3778, 0.2828, 0.3555



Protanomaly

61.1947, 0.3103, 0.3483



Deuteranomaly

61.3074, 0.3117, 0.3349



Tritanomaly

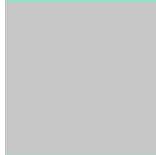
62.2666, 0.2728, 0.3252

Monochromacy



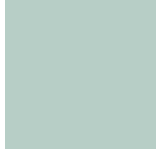
Original Color

62.3778, 0.2828, 0.3555



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

58.2871, 0.3011, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3778, 0.2828, 0.3555 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(156, 220, 199)` looks like.

```
.text, #text, p{  
    color:rgb(156, 220, 199)  
}
```

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(156, 220, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 220, 199) }
```

Border

The CSS property to change the border of an element to Yxy 62.3778, 0.2828, 0.3555 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(156, 220, 199) }
```

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

```
.border{ border-color:rgb(156, 220, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 220, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 220, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 220, 199); box-shadow:4px 4px 4px 4px rgb(156, 220, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3778, 0.2828, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 220, 199) }
```

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

```
.background{ background-color: rgb(156,  
220, 199) }
```

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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