

Converting Colors

$Yxy(62.5796, 0.2852, 0.3533)$

Have a look what the booklet for
Yxy(62.5796, 0.2852, 0.3533)
contains.

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Color

Yxy(62.4102, 0.2852, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	A1DBC8
RGB	161, 219, 200
RGB Percent	63%, 86%, 78%
CMY	0.3687, 0.1411, 0.2156
CMYK	0.26, 0.00, 0.09, 0.14
HSL	160°, 45%, 75%
HSV	160°, 26%, 86%
XYZ	50.4518, 62.4102, 64.0377
YIQ	199.4920, -28.4690, -18.2050

Conversions

Conversions Part 2

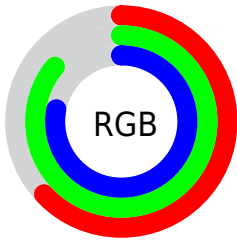
Format	Color
RYB	161, 196, 219
Decimal	10607560
CIELab	83.13, -22.45, 3.35
CIELCh	83, 22.698, 171.516
Yxy	62.4102, 0.2852, 0.3528
Android (android.graphics.Color)	4288797640 (0xFFA1DBC8)
YUV	199.4920, 0.2504, -33.7575
Hunter-Lab	79.0001, -24.2549, 7.2395

Details

The Yxy color **62.4102, 0.2852, 0.3528** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.8366, 0.3510, 0.3065**, and the grayscale version is **57.4406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **31.8144, 0.2785, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **60.0062, 0.2761, 0.3633**, and if you desaturate by 10%, it is **65.2335, 0.2951, 0.3431**.

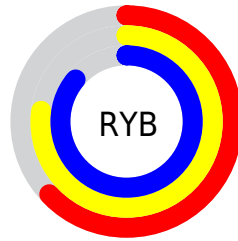
Distribution



Red (63%)

Green (86%)

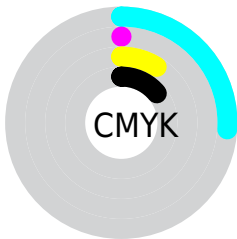
Blue (78%)



Red (63%)

Yellow (77%)

Blue (86%)

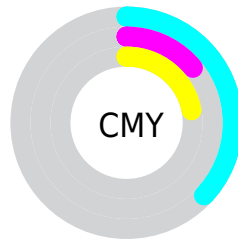


Cyan (26%)

Magenta (0%)

Yellow (9%)

Black (14%)



Cyan (37%)


Magenta (14%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4102, 0.2852, 0.3528 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 62.4102, 0.2852, 0.3528 by changing the saturation by 10% instead.

 62.4102, 0.2852,
0.3528

 62.4102, 0.2852,
0.3528


433.4258, 0.2984,
0.3413

 45.3642, 0.2821,
0.3555

 108.3182, 0.2898,
0.3487

 31.7444, 0.2782,
0.3590


 137.9490, 0.2916,
0.3472

 21.1664, 0.2731,
0.3635


172.5435, 0.2932,
0.3458

 13.2457, 0.2664,
0.3696

212.4861, 0.2945,
0.3447

 7.5979, 0.2569,
0.3782

258.1613, 0.2956,
0.3437

 3.8388, 0.2425,
0.3916

309.9533, 0.2966,

 1.5838, 0.2183,

0.3428

0.4147

368.2467, 0.2975,
0.3420

0.3466, 0.0000,
0.7075

0.0000, 0.0000,
0.0000

62.4102, 0.2852,
0.3528

62.4102, 0.2852,
0.3528

60.0062, 0.2761,
0.3633

65.2335, 0.2951,
0.3431

57.9929, 0.2682,
0.3746


68.4879, 0.3057,
0.3343


56.3498, 0.2618,
0.3866


72.1943, 0.3165,
0.3263

55.0518, 0.2572,
0.3989


76.3697, 0.3275,
0.3192

 54.0701, 0.2545,
0.4115

 77.9753, 0.3272,
0.3123


 53.3715, 0.2539,
0.4242

 78.4001, 0.3223,
0.3054

 52.9136, 0.2551,
0.4366

 78.8418, 0.3175,
0.2985

 52.7842, 0.2558,
0.4409

 79.1475, 0.3144,
0.2940

Harmonies

Analogous

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



62.4102, 0.3125, 0.3735



62.4102, 0.2852, 0.3528



62.4102, 0.2657, 0.3255

Triad

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



62.4102, 0.2852, 0.3528



62.4102, 0.2836, 0.2816



62.4102, 0.3701, 0.3532

Complementary

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



62.4102, 0.2852, 0.3528



43.8366, 0.3510, 0.3065

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.



62.4102, 0.3618, 0.3294



62.4102, 0.2852, 0.3528



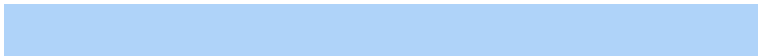
62.4102, 0.3108, 0.2894

Square

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



62.4102, 0.2852, 0.3528



62.4102, 0.2648, 0.2853



62.4102, 0.3397, 0.3065



62.4102, 0.3622, 0.3722

Rectangle

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



62.4102, 0.2852, 0.3528



62.4102, 0.2594, 0.3083



62.4102, 0.3397, 0.3065



62.4102, 0.3692, 0.3455

Sweetspot

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



62.4128, 0.2852, 0.3528



95.9115, 0.3040, 0.3356



62.9816, 0.3230, 0.4016



20.3744, 0.3024, 0.3369



0.0000, 0.0000, 0.0000



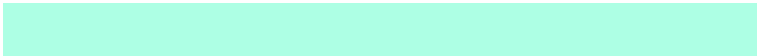
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4128, 0.2852, 0.3528



86.0675, 0.2798, 0.3588



58.4556, 0.2730, 0.3169



14.7533, 0.3025, 0.3368



31.3167, 0.2553, 0.4390



2.0445, 0.2497, 0.4188

Inverse Universe

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



43.8366, 0.3510, 0.3065



55.4761, 0.3623, 0.3014



46.6266, 0.3665, 0.3408



13.1215, 0.3241, 0.3214



9.2229, 0.5652, 0.2887



0.6131, 0.5189, 0.2632

Previews

White Background



This preview shows how the Yxy color 62.4102, 0.2852, 0.3528 looks on a white background.

Color Contrast Check

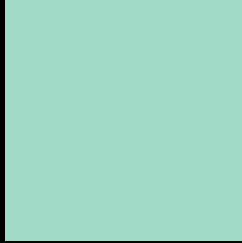
Large Text (above 18pt) WCAG AA × Fail

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 62.4102, 0.2852, 0.3528 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

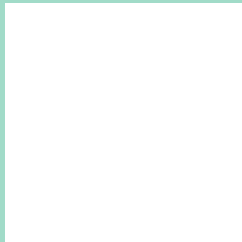
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4102, 0.2852, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 62.4102, 0.2852, 0.3528.

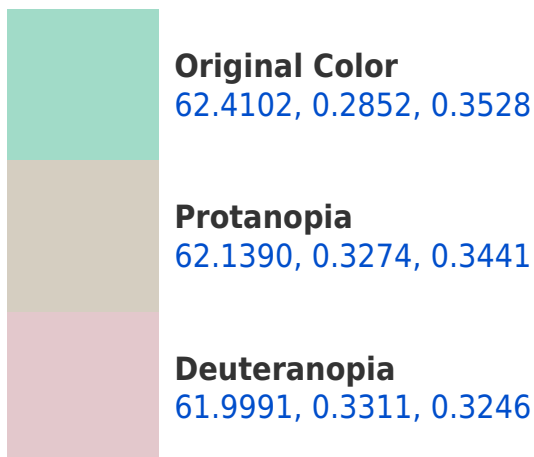


This preview shows how white text looks on a background with the Yxy color 62.4102, 0.2852, 0.3528.

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

62.1348, 0.2698, 0.3074

Trichromacy



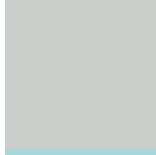
Original Color

62.4102, 0.2852, 0.3528



Protanomaly

62.0434, 0.3104, 0.3470



Deuteranomaly

61.6340, 0.3125, 0.3337



Tritanomaly

62.2784, 0.2757, 0.3240

Monochromacy



Original Color

62.4102, 0.2852, 0.3528



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.5804, 0.3019, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4102, 0.2852, 0.3528 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(161, 219, 200)` looks like.

```
.text, #text, p{  
    color:rgb(161, 219, 200)  
}
```

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(161, 219, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 219, 200) }
```

Border

The CSS property to change the border of an element to Yxy 62.4102, 0.2852, 0.3528 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(161, 219, 200) }
```

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

```
.border{ border-color:rgb(161, 219, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 219, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 219, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 219, 200);  
box-shadow:4px 4px 4px 4px rgb(161, 219,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4102, 0.2852, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 219, 200) }
```

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

```
.background{ background-color: rgb(161,  
219, 200) }
```

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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