

Converting Colors

$Yxy(62.7882, 0.2742, 0.3227)$

Have a look what the booklet for
Yxy(62.7882, 0.2742, 0.3227)
contains.

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Color

Yxy(62.7921, 0.2741, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	A4D9DE
RGB	164, 217, 222
RGB Percent	64%, 85%, 87%
CMY	0.3565, 0.1491, 0.1294
CMYK	0.26, 0.02, 0.00, 0.13
HSL	185°, 47%, 76%
HSV	185°, 26%, 87%
XYZ	53.3188, 62.7921, 78.4123
YIQ	201.7230, -33.1930, -9.6810

Conversions

Conversions Part 2

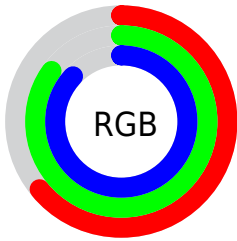
Format	Color
RYB	164, 192, 222
Decimal	10803678
CIELab	83.33, -15.79, -8.01
CIELCh	83, 17.705, 206.882
Yxy	62.7921, 0.2741, 0.3228
Android (android.graphics.Color)	4288993758 (0xFFA4D9DE)
YUV	201.7230, 9.9966, -33.0831
Hunter-Lab	79.2415, -18.5661, -3.2006

Details

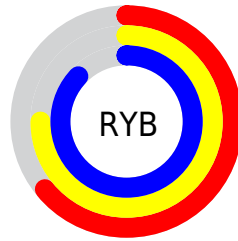
The Yxy color **62.7921, 0.2741, 0.3228** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.6206, 0.3668, 0.3351**, and the grayscale version is **58.8437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **31.9457, 0.2643, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **59.6503, 0.2610, 0.3201**, and if you desaturate by 10%, it is **66.3628, 0.2883, 0.3253**.

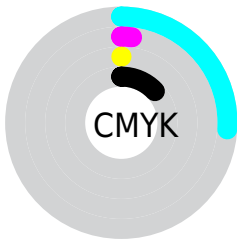
Distribution



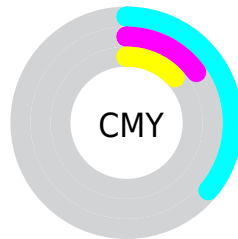
- Red (64%)
- Green (85%)
- Blue (87%)



- Red (64%)
- Yellow (75%)
- Blue (87%)



- Cyan (26%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)





- Cyan (36%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7921, 0.2741, 0.3228 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 62.7921, 0.2741, 0.3228 by changing the saturation by 10% instead.

 62.7921, 0.2741,
0.3228

 62.7921, 0.2741,
0.3228


434.8146, 0.2922,
0.3260

 45.6730, 0.2699,
0.3220


 108.8695, 0.2804,
0.3240

 31.9879, 0.2647,
0.3209


 138.5967, 0.2829,
0.3244

 21.3522, 0.2580,
0.3195


173.2953, 0.2850,
0.3248

 13.3817, 0.2492,
0.3175

213.3498, 0.2868,
0.3251

 7.6919, 0.2371,
0.3145

259.1446, 0.2884,
0.3254

 3.8985, 0.2194,
0.3095

311.0641, 0.2898,

 1.6169, 0.1913,

0.3256

369.4926, 0.2911,
0.3258

0.3004

0.3690, 0.0000,
0.2773

0.0000, 0.0000,
0.0000

62.7921, 0.2741,
0.3228

62.7921, 0.2741,
0.3228

59.6503, 0.2610,
0.3201

66.3628, 0.2883,
0.3253

56.9084, 0.2493,
0.3173

70.3746, 0.3033,
0.3277

54.5454, 0.2393,
0.3144

74.8487, 0.3188,
0.3298

52.5355, 0.2311,
0.3114

79.8028, 0.3346,
0.3318

■ 50.8495, 0.2248,
0.3084

■ 81.2441, 0.3359,
0.3337

■ 49.4534, 0.2204,
0.3054

■ 82.2972, 0.3356,
0.3356

■ 48.3046, 0.2178,
0.3025

■ 83.3620, 0.3353,
0.3375

■ 47.8935, 0.2171,
0.3014

■ 84.4385, 0.3351,
0.3394

■ 85.5269, 0.3348,
0.3412

Harmonies

Analogous

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



62.7921, 0.2880, 0.3439



62.7921, 0.2741, 0.3228



62.7921, 0.2702, 0.3045

Triad

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



62.7921, 0.2741, 0.3228



62.7921, 0.3155, 0.2997



62.7921, 0.3490, 0.3647

Complementary

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



62.7921, 0.2741, 0.3228



46.6206, 0.3668, 0.3351

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.



62.7921, 0.3571, 0.3514



62.7921, 0.2741, 0.3228



62.7921, 0.3374, 0.3144

Square

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



62.7921, 0.2741, 0.3228



62.7921, 0.2935, 0.2921



62.7921, 0.3529, 0.3330



62.7921, 0.3311, 0.3686

Rectangle

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



62.7921, 0.2741, 0.3228



62.7921, 0.2737, 0.2962



62.7921, 0.3529, 0.3330



62.7921, 0.3530, 0.3611

Sweetspot

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



62.7946, 0.2741, 0.3228



95.2142, 0.3003, 0.3272



63.0020, 0.3063, 0.3970



20.1970, 0.2980, 0.3269



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.



62.7946, 0.2741, 0.3228



83.6817, 0.2672, 0.3214



49.2319, 0.2707, 0.2864



15.3590, 0.2982, 0.3269



28.5318, 0.2172, 0.3018



2.0381, 0.2184, 0.3063

Inverse Universe

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



47.1180, 0.3199, 0.2695



59.0787, 0.3216, 0.2577



58.5381, 0.3585, 0.3682



13.9141, 0.3151, 0.3079



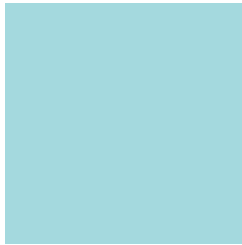
11.7883, 0.3438, 0.1668



0.8232, 0.3399, 0.1646

Previews

White Background



This preview shows how the Yxy color 62.7921, 0.2741, 0.3228 looks on a white background.

Color Contrast Check

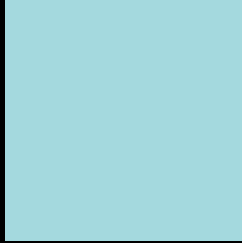
Large Text (above 18pt) WCAG AA × Fail

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 62.7921, 0.2741, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

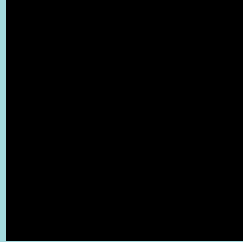
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7921, 0.2741, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 62.7921, 0.2741, 0.3228.

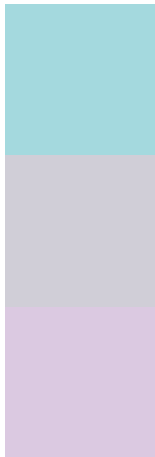


This preview shows how white text looks on a background with the Yxy color 62.7921, 0.2741, 0.3228.

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

62.7921, 0.2741, 0.3228

Protanopia

62.4588, 0.3079, 0.3187

Deuteranopia

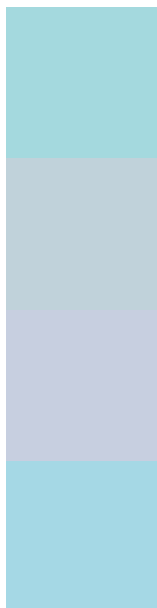
62.2696, 0.3094, 0.3025



Tritanopia

62.5911, 0.2688, 0.3074

Trichromacy



Original Color

62.7921, 0.2741, 0.3228

Protanomaly

62.3616, 0.2944, 0.3196

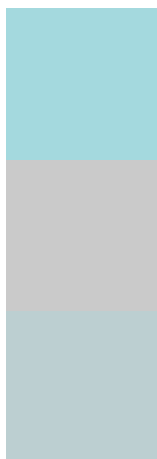
Deuteranomaly

62.1496, 0.2953, 0.3094

Tritanomaly

62.7682, 0.2706, 0.3133

Monochromacy



Original Color

62.7921, 0.2741, 0.3228

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9205, 0.2973, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7921, 0.2741, 0.3228 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(164, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(164, 217, 222)  
}
```

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(164, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 217, 222) }
```

Border

The CSS property to change the border of an element to Yxy 62.7921, 0.2741, 0.3228 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(164, 217, 222) }
```

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

```
.border{ border-color:rgb(164, 217, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(164, 217,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7921, 0.2741, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 217, 222) }
```

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

```
.background{ background-color: rgb(164,  
217, 222) }
```

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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