

Converting Colors

$Yxy(62.7129, 0.2728, 0.3239)$

Have a look what the booklet for
Yxy(62.7129, 0.2728, 0.3239)
contains.

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Color

Yxy(62.4767, 0.2722, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	A1D9DE
RGB	161, 217, 222
RGB Percent	63%, 85%, 87%
CMY	0.3689, 0.1489, 0.1294
CMYK	0.28, 0.02, 0.00, 0.13
HSL	185°, 48%, 75%
HSV	185°, 28%, 87%
XYZ	52.6833, 62.4767, 78.3862
YIQ	200.8260, -34.9810, -10.3170

Conversions

Conversions Part 2

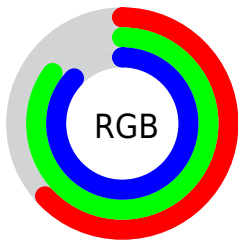
Format	Color
R _Y B	161, 190, 222
Decimal	10607070
CIE Lab	83.17, -16.72, -8.27
CIE LCh	83, 18.653, 206.327
Yxy	62.4767, 0.2722, 0.3228
Android (android.graphics.Color)	4288797150 (0xFFA1D9DE)
YUV	200.8260, 10.4388, -34.9274
Hunter-Lab	79.0422, -19.3499, -3.4684

Details

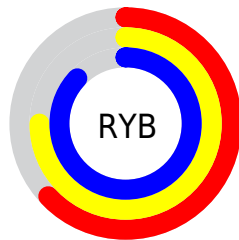
The Yxy color **62.4767, 0.2722, 0.3228** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.3356, 0.3708, 0.3351**, and the grayscale version is **58.2378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **31.7565, 0.2621, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **59.4478, 0.2593, 0.3202**, and if you desaturate by 10%, it is **65.9302, 0.2862, 0.3252**.

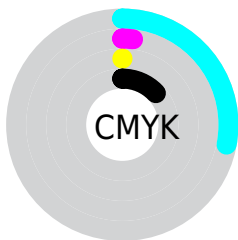
Distribution



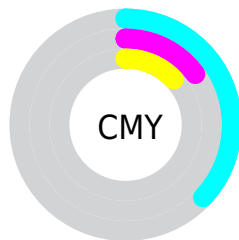
- Red (63%)
- Green (85%)
- Blue (87%)



- Red (63%)
- Yellow (75%)
- Blue (87%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (37%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4767, 0.2722, 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 62.4767, 0.2722, 0.3228 by changing the saturation by 10% instead.


 62.4767, 0.2722,
0.3228


 62.4767, 0.2722,
0.3228


433.6678, 0.2912,
0.3261

 45.4180, 0.2678,
0.3220


 108.4142, 0.2789,
0.3240

 31.7868, 0.2623,
0.3209


 138.0618, 0.2814,
0.3245

 21.1987, 0.2553,
0.3194


172.6744, 0.2836,
0.3248

 13.2693, 0.2461,
0.3173

212.6366, 0.2856,
0.3251

 7.6143, 0.2334,
0.3142

258.3326, 0.2872,
0.3254

 3.8491, 0.2149,
0.3091

310.1469, 0.2887,

 1.5895, 0.1855,

0.3257

0.2995

368.4638, 0.2900,
0.3259

0.3505, 0.0000,
0.2675

0.0000, 0.0000,
0.0000

62.4767, 0.2722,
0.3228

62.4767, 0.2722,
0.3228

59.4478, 0.2593,
0.3202

65.9302, 0.2862,
0.3252

56.8144, 0.2479,
0.3176

69.8208, 0.3011,
0.3274

54.5551, 0.2382,
0.3148

74.1699, 0.3166,
0.3295

52.6437, 0.2303,
0.3120

78.9952, 0.3323,
0.3313

■ 51.0505, 0.2244,
0.3092

■ 80.9613, 0.3359,
0.3331

■ 49.7405, 0.2203,
0.3064

■ 81.9506, 0.3357,
0.3349

■ 48.6663, 0.2180,
0.3037

■ 82.9503, 0.3354,
0.3367

■ 48.4164, 0.2175,
0.3030

■ 83.9604, 0.3352,
0.3385

■ 84.9810, 0.3350,
0.3403

Harmonies

Analogous

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



62.4767, 0.2870, 0.3451



62.4767, 0.2722, 0.3228



62.4767, 0.2679, 0.3034

Triad

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



62.4767, 0.2722, 0.3228



62.4767, 0.3152, 0.2979



62.4767, 0.3512, 0.3664

Complementary

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



62.4767, 0.2722, 0.3228



45.3356, 0.3708, 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.



62.4767, 0.3596, 0.3522



62.4767, 0.2722, 0.3228



62.4767, 0.3384, 0.3133

Square

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



62.4767, 0.2722, 0.3228



62.4767, 0.2920, 0.2901



62.4767, 0.3549, 0.3328



62.4767, 0.3325, 0.3709

Rectangle

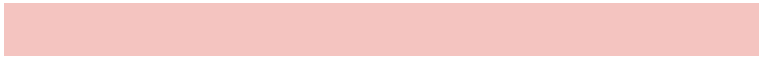
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.4767, 0.2722, 0.3228



62.4767, 0.2714, 0.2946



62.4767, 0.3549, 0.3328



62.4767, 0.3554, 0.3626

Sweetspot

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



62.4792, 0.2722, 0.3228



95.2783, 0.3003, 0.3273



62.5263, 0.3065, 0.4027



20.2132, 0.2980, 0.3270



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.



62.4792, 0.2722, 0.3228



83.0844, 0.2646, 0.3214



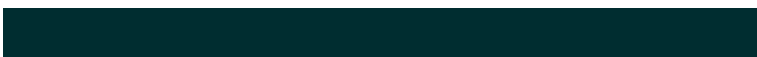
48.5487, 0.2684, 0.2850



15.3712, 0.2982, 0.3270



28.8377, 0.2176, 0.3034



2.0562, 0.2188, 0.3076

Inverse Universe

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



46.0030, 0.3201, 0.2659



57.1154, 0.3219, 0.2528



57.3685, 0.3617, 0.3693



13.9154, 0.3150, 0.3078



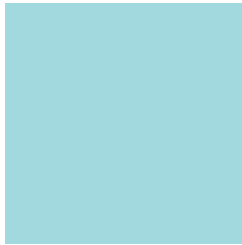
11.8192, 0.3424, 0.1660



0.8250, 0.3387, 0.1640

Previews

White Background



This preview shows how the Yxy color 62.4767, 0.2722, 0.3228 looks on a white background.

Color Contrast Check

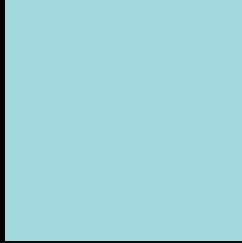
Large Text (above 18pt) WCAG AA × Fail

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 62.4767, 0.2722, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

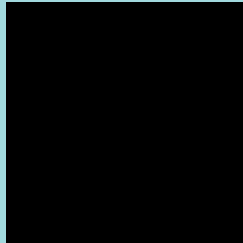
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4767, 0.2722, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 62.4767, 0.2722, 0.3228.

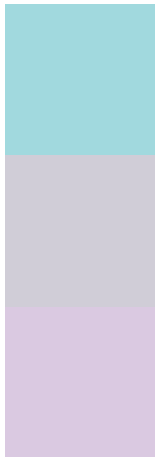


This preview shows how white text looks on a background with the Yxy color 62.4767, 0.2722, 0.3228.

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

62.4767, 0.2722, 0.3228

Protanopia

61.9788, 0.3080, 0.3176

Deuteranopia

62.1150, 0.3086, 0.3024



Tritanopia

62.2706, 0.2670, 0.3073

Trichromacy



Original Color

62.4767, 0.2722, 0.3228

Protanomaly

61.7392, 0.2936, 0.3184

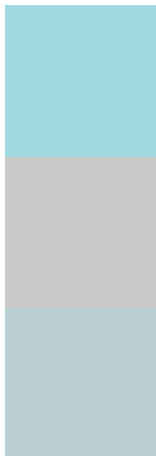
Deuteranomaly

61.8778, 0.2939, 0.3093

Tritanomaly

62.4503, 0.2688, 0.3132

Monochromacy



Original Color

62.4767, 0.2722, 0.3228

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.6682, 0.2959, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4767, 0.2722, 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(161, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 217, 222) }
```

Border

The CSS property to change the border of an element to Yxy 62.4767, 0.2722, 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(161, 217, 222) }
```

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

```
.border{ border-color:rgb(161, 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(161, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(161, 217,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4767, 0.2722, 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(161, 217, 222) }
```

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

```
.background{ background-color: rgb(161,  
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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