

Converting Colors

$Yxy(62.6330, 0.2711, 0.3322)$

Have a look what the booklet for
Yxy(62.6330, 0.2711, 0.3322)
contains.

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Color

Yxy(62.4451, 0.2706, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	99DBD9
RGB	153, 219, 217
RGB Percent	60%, 86%, 85%
CMY	0.4000, 0.1411, 0.1491
CMYK	0.30, 0.00, 0.01, 0.14
HSL	178°, 48%, 73%
HSV	178°, 30%, 86%
XYZ	50.9887, 62.4451, 74.9944
YIQ	199.0380, -38.6940, -14.6140

Conversions

Conversions Part 2

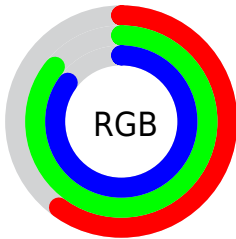
Format	Color
R _{YB}	153, 187, 219
Decimal	10083289
CIE Lab	83.15, -21.10, -5.68
CIE LCh	83, 21.849, 195.062
Yxy	62.4451, 0.2706, 0.3314
Android (android.graphics.Color)	4288273369 (0xFF99DBD9)
YUV	199.0380, 8.8553, -40.3753
Hunter-Lab	79.0222, -23.1127, -0.9524

Details

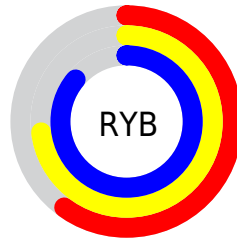
The Yxy color **62.4451, 0.2706, 0.3314** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2086, 0.3781, 0.3267**, and the grayscale version is **57.0997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **31.8122, 0.2605, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **60.4737, 0.2591, 0.3323**, and if you desaturate by 10%, it is **64.8128, 0.2835, 0.3305**.

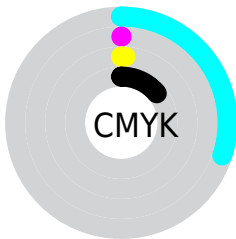
Distribution



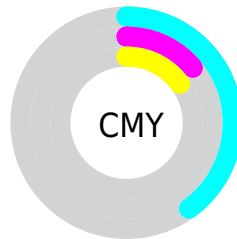
- Red (60%)
- Green (86%)
- Blue (85%)



- Red (60%)
- Yellow (73%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)





- Cyan (40%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4451, 0.2706, 0.3314 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 62.4451, 0.2706, 0.3314 by changing the saturation by 10% instead.

 62.4451, 0.2706,
0.3314

 62.4451, 0.2706,
0.3314


433.5528, 0.2904,
0.3305

 45.3924, 0.2660,
0.3315


 108.3686, 0.2775,
0.3312

 31.7667, 0.2603,
0.3316

 138.0082, 0.2802,
0.3310

 21.1833, 0.2530,
0.3317

172.6122, 0.2825,
0.3309

 13.2581, 0.2433,
0.3317

212.5651, 0.2845,
0.3309

 7.6065, 0.2300,
0.3315

258.2512, 0.2863,
0.3308

 3.8442, 0.2105,
0.3307

310.0549, 0.2878,

 1.5868, 0.1796,

0.3307

0.3280

368.3607, 0.2892,
0.3306

0.3487, 0.0000,
0.3099

0.0000, 0.0000,
0.0000

62.4451, 0.2706,
0.3314

62.4451, 0.2706,
0.3314

60.4737, 0.2591,
0.3323

64.8128, 0.2835,
0.3305

58.8695, 0.2492,
0.3333

67.5890, 0.2976,
0.3297

57.6117, 0.2411,
0.3343

70.7947, 0.3125,
0.3290

56.6740, 0.2349,
0.3353

74.4472, 0.3279,
0.3284

■ 56.0267, 0.2307,
0.3363

■ 77.1133, 0.3380,
0.3277

■ 55.6341, 0.2283,
0.3373

■ 77.1491, 0.3376,
0.3271

■ 55.4345, 0.2273,
0.3382

■ 77.1851, 0.3371,
0.3264

■ 77.2213, 0.3366,
0.3257

■ 77.2576, 0.3361,
0.3250

Harmonies

Analogous

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



62.4451, 0.2915, 0.3570



62.4451, 0.2706, 0.3314



62.4451, 0.2608, 0.3065

Triad

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



62.4451, 0.2706, 0.3314



62.4451, 0.3049, 0.2883



62.4451, 0.3632, 0.3674

Complementary

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



62.4451, 0.2706, 0.3314



40.2086, 0.3781, 0.3267

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.



62.4451, 0.3675, 0.3477



62.4451, 0.2706, 0.3314



62.4451, 0.3330, 0.3032

Square

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



62.4451, 0.2706, 0.3314



62.4451, 0.2799, 0.2831



62.4451, 0.3563, 0.3244



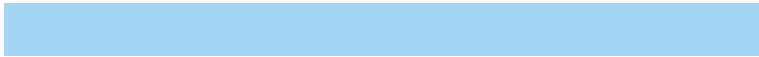
62.4451, 0.3450, 0.3779

Rectangle

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



62.4451, 0.2706, 0.3314



62.4451, 0.2616, 0.2938



62.4451, 0.3563, 0.3244



62.4451, 0.3664, 0.3616

Sweetspot

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



62.4476, 0.2706, 0.3314



95.8588, 0.2992, 0.3297



59.9548, 0.3101, 0.4165



20.3846, 0.2970, 0.3298



0.0000, 0.0000, 0.0000



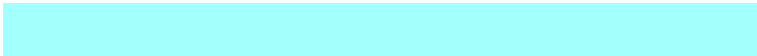
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4476, 0.2706, 0.3314



86.3670, 0.2633, 0.3320



47.9388, 0.2650, 0.2891



14.8223, 0.2986, 0.3297



32.8703, 0.2273, 0.3381



2.1317, 0.2268, 0.3365

Inverse Universe

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



40.2086, 0.3781, 0.3267



50.2796, 0.3975, 0.3263



51.5589, 0.3693, 0.3658



13.0580, 0.3287, 0.3283



8.9416, 0.6366, 0.3280



0.5816, 0.6261, 0.3223

Previews

White Background



This preview shows how the Yxy color 62.4451, 0.2706, 0.3314 looks on a white background.

Color Contrast Check

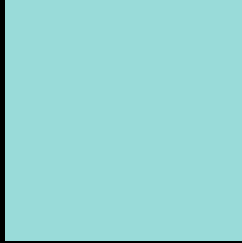
Large Text (above 18pt) WCAG AA × Fail

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 62.4451, 0.2706, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

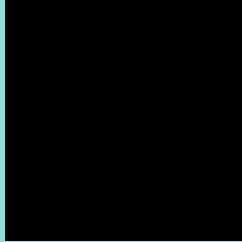
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

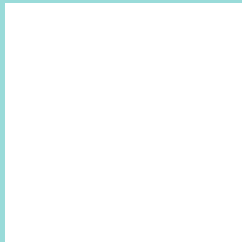
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4451, 0.2706, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 62.4451, 0.2706, 0.3314.

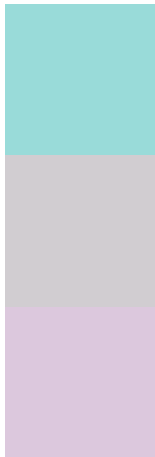


This preview shows how white text looks on a background with the Yxy color 62.4451, 0.2706, 0.3314.

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

62.4451, 0.2706, 0.3314

Protanopia

61.8214, 0.3129, 0.3244

Deuteranopia

61.7447, 0.3130, 0.3057



Tritanopia

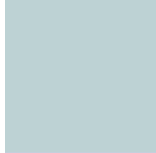
62.2203, 0.2632, 0.3071

Trichromacy



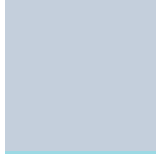
Original Color

62.4451, 0.2706, 0.3314



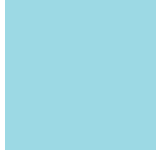
Protanomaly

61.6655, 0.2961, 0.3266



Deuteranomaly

61.5287, 0.2958, 0.3138



Tritanomaly

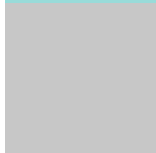
62.2951, 0.2660, 0.3155

Monochromacy



Original Color

62.4451, 0.2706, 0.3314



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.5439, 0.2950, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4451, 0.2706, 0.3314 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(153, 219, 217)` looks like.

```
.text, #text, p{  
    color:rgb(153, 219, 217)  
}
```

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(153, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 219, 217) }
```

Border

The CSS property to change the border of an element to Yxy 62.4451, 0.2706, 0.3314 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(153, 219, 217) }
```

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

```
.border{ border-color:rgb(153, 219, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 219, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 219, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 219, 217);  
box-shadow:4px 4px 4px 4px rgb(153, 219,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4451, 0.2706, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 219, 217) }
```

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

```
.background{ background-color: rgb(153,  
219, 217) }
```

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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