

Converting Colors

Yxy(51.2318, 0.2687, 0.3256)

Have a look what the booklet for
Yxy(51.2318, 0.2687, 0.3256)
contains.

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Color

Yxy(51.1483, 0.2687, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	8CC8CA
RGB	140, 200, 202
RGB Percent	55%, 78%, 79%
CMY	0.4509, 0.2157, 0.2079
CMYK	0.31, 0.01, 0.00, 0.21
HSL	182°, 37%, 67%
HSV	182°, 31%, 79%
XYZ	42.1323, 51.1483, 63.5199
YIQ	182.2880, -36.4020, -12.0980

Conversions

Conversions Part 2

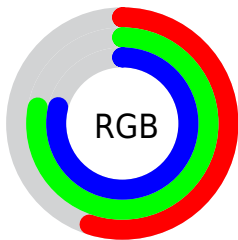
Format	Color
RYB	140, 170, 202
Decimal	9226442
CIELab	76.77, -18.63, -7.17
CIELCh	77, 19.959, 201.047
Yxy	51.1483, 0.2687, 0.3262
Android (android.graphics.Color)	4287416522 (0xFF8CC8CA)
YUV	182.2880, 9.7180, -37.0866
Hunter-Lab	71.5180, -19.9997, -2.5967

Details

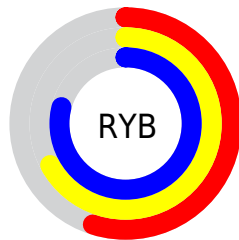
The Yxy color **51.1483, 0.2687, 0.3262** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.8002, 0.3805, 0.3318**, and the grayscale version is **46.9090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3421, 0.2778, 0.3289**, and **24.7221, 0.2572, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **49.2540, 0.2567, 0.3252**, and if you desaturate by 10%, it is **53.3701, 0.2820, 0.3272**.

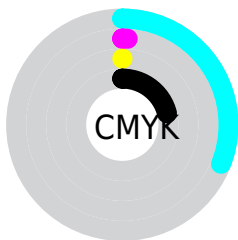
Distribution



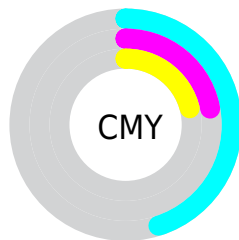
- Red (55%)
- Green (78%)
- Blue (79%)



- Red (55%)
- Yellow (67%)
- Blue (79%)



- Cyan (31%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)




- Cyan (45%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1483, 0.2687, 0.3262 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 51.1483, 0.2687, 0.3262 by changing the saturation by 10% instead.

 51.1483, 0.2687,
0.3262

 51.1483, 0.2687,
0.3262


391.1397, 0.2901,
0.3279

 36.3266, 0.2635,
0.3257

 91.8739, 0.2763,
0.3269

 24.6866, 0.2570,
0.3250


 118.5467, 0.2792,
0.3271

 15.8437, 0.2486,
0.3239

 149.9387, 0.2817,
0.3273

 9.4136, 0.2371,
0.3223

186.4342, 0.2839,
0.3275

 5.0119, 0.2207,
0.3196

228.4176, 0.2857,
0.3276

 2.2543, 0.1956,
0.3145

276.2734, 0.2874,

 0.7493, 0.1087,

0.3277

0.3164

330.3860, 0.2888,
0.3278

0.0000, 0.0000,
0.0000

51.1483, 0.2687,
0.3262

51.1483, 0.2687,
0.3262

49.2540, 0.2567,
0.3252

53.3701, 0.2820,
0.3272

47.6633, 0.2464,
0.3241

55.9295, 0.2965,
0.3281

46.3590, 0.2378,
0.3230


58.8437, 0.3117,
0.3289

45.3195, 0.2312,
0.3220

62.1271, 0.3274,
0.3297


44.5202, 0.2264,
0.3209

65.7930, 0.3433,
0.3304

 43.9320, 0.2234,
0.3198

 68.6550, 0.3543,
0.3311

 43.5230, 0.2219,
0.3189

 68.9633, 0.3541,
0.3317

 69.2728, 0.3540,
0.3324

 69.5837, 0.3539,
0.3331

Harmonies

Analogous

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



51.1483, 0.2872, 0.3517



51.1483, 0.2687, 0.3262



51.1483, 0.2616, 0.3029

Triad

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



51.1483, 0.2687, 0.3262



51.1483, 0.3105, 0.2914



51.1483, 0.3594, 0.3695

Complementary

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



51.1483, 0.2687, 0.3262



33.8002, 0.3805, 0.3318

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.



51.1483, 0.3666, 0.3516



51.1483, 0.2687, 0.3262



51.1483, 0.3377, 0.3075

Square

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



51.1483, 0.2687, 0.3262



51.1483, 0.2850, 0.2843



51.1483, 0.3586, 0.3291



51.1483, 0.3396, 0.3772

Rectangle

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



51.1483, 0.2687, 0.3262



51.1483, 0.2641, 0.2918



51.1483, 0.3586, 0.3291



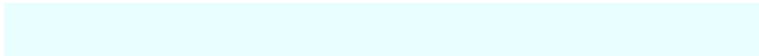
51.1483, 0.3634, 0.3644

Sweetspot

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



51.1503, 0.2687, 0.3262



95.4356, 0.2988, 0.3282



49.7378, 0.3079, 0.4167



20.2794, 0.2966, 0.3281



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.



51.1503, 0.2687, 0.3262



84.3659, 0.2604, 0.3255



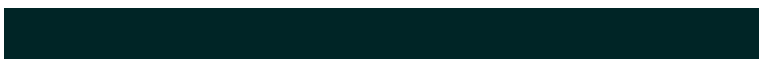
38.5822, 0.2639, 0.2840



12.6629, 0.2984, 0.3282



28.0370, 0.2220, 0.3190



1.4662, 0.2225, 0.3211

Inverse Universe

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



35.4900, 0.3181, 0.2557



53.6543, 0.3194, 0.2397



43.9698, 0.3690, 0.3701



11.3973, 0.3143, 0.3069



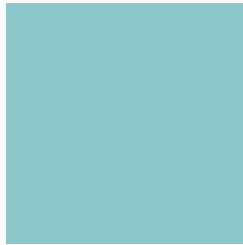
10.6333, 0.3290, 0.1586



0.5506, 0.3273, 0.1577

Previews

White Background



This preview shows how the Yxy color 51.1483, 0.2687, 0.3262 looks on a white background.

Color Contrast Check

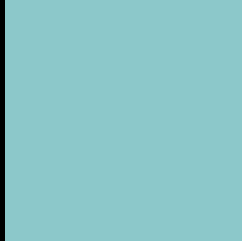
Large Text (above 18pt) WCAG AA × Fail

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 51.1483, 0.2687, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

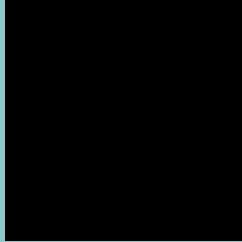
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

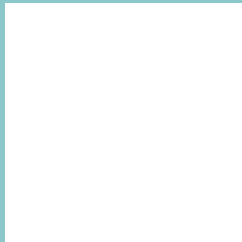
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.1483, 0.2687, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 51.1483, 0.2687, 0.3262.

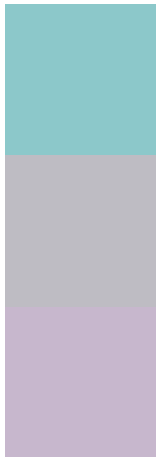


This preview shows how white text looks on a background with the Yxy color 51.1483, 0.2687, 0.3262.

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

51.1483, 0.2687, 0.3262

Protanopia

50.8537, 0.3090, 0.3203

Deuteranopia

50.4169, 0.3090, 0.3024



Tritanopia

51.0828, 0.2631, 0.3079

Trichromacy



Original Color

51.1483, 0.2687, 0.3262

Protanomaly

50.5471, 0.2927, 0.3212

Deuteranomaly

50.2198, 0.2930, 0.3100

Tritanomaly

51.2508, 0.2650, 0.3143

Monochromacy



Original Color

51.1483, 0.2687, 0.3262

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.2848, 0.2951, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1483, 0.2687, 0.3262 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(140, 200, 202)` looks like.

```
.text, #text, p{  
    color:rgb(140, 200, 202)  
}
```

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(140, 200, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 200, 202) }
```

Border

The CSS property to change the border of an element to Yxy 51.1483, 0.2687, 0.3262 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(140, 200, 202) }
```

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

```
.border{ border-color:rgb(140, 200, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 200, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 200, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 200, 202);  
box-shadow:4px 4px 4px 4px rgb(140, 200,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1483, 0.2687, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 200, 202) }
```

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

```
.background{ background-color: rgb(140,  
200, 202) }
```

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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