

Converting Colors

$Yxy(49.6315, 0.2700, 0.3262)$

Have a look what the booklet for
Yxy(49.6315, 0.2700, 0.3262)
contains.

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Color

Yxy(49.6315, 0.2700, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	8CC5C7
RGB	140, 197, 199
RGB Percent	55%, 77%, 78%
CMY	0.4512, 0.2274, 0.2197
CMYK	0.30, 0.01, 0.00, 0.22
HSL	182°, 35%, 66%
HSV	182°, 30%, 78%
XYZ	41.0806, 49.6315, 61.4384
YIQ	180.1850, -34.6140, -11.4620

Conversions

Conversions Part 2

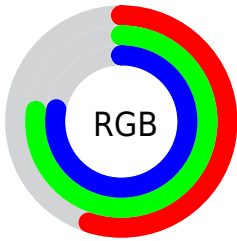
Format	Color
R_{YB}	140, 169, 199
Decimal	9225671
CIE _{Lab}	75.84, -17.83, -6.92
CIE _{LCh}	76, 19.129, 201.205
Yxy	49.6315, 0.2700, 0.3262
Android (android.graphics.Color)	4287415751 (0xFF8CC5C7)
YUV	180.1850, 9.2758, -35.2422
Hunter-Lab	70.4496, -19.1998, -2.3914

Details

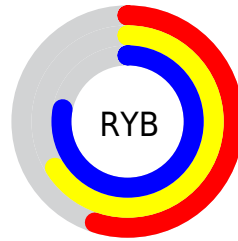
The Yxy color $49.6315, 0.2700, 0.3262$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $33.3496, 0.3774, 0.3318$, and the grayscale version is $45.7033, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.7057, 0.2777, 0.3278$, and $23.7155, 0.2586, 0.3251$ is the 20% darker color. If you saturate the color by 10%, you get $47.7587, 0.2579, 0.3251$, and if you desaturate by 10%, it is $51.8221, 0.2835, 0.3272$.

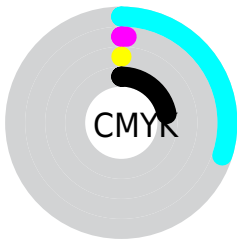
Distribution



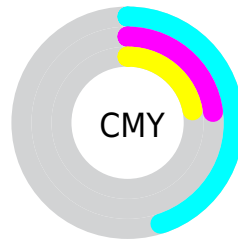
- Red (55%)
- Green (77%)
- Blue (78%)



- Red (55%)
- Yellow (66%)
- Blue (78%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)





- Cyan (45%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6315, 0.2700, 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 49.6315, 0.2700, 0.3262 by changing the saturation by 10% instead.


 49.6315, 0.2700,
0.3262


 49.6315, 0.2700,
0.3262


385.2231, 0.2909,
0.3279


 35.1207, 0.2649,
0.3257


 89.6287, 0.2775,
0.3269

 23.7559, 0.2585,
0.3250


 115.8838, 0.2803,
0.3271

 15.1526, 0.2501,
0.3239


 146.8225, 0.2827,
0.3273

 8.9266, 0.2387,
0.3223

182.8291, 0.2848,
0.3275

 4.6933, 0.2223,
0.3196

224.2881, 0.2866,
0.3276

 2.0685, 0.1968,
0.3144

271.5838, 0.2882,

 0.6468, 0.0883,

0.3277

0.3183

325.1007, 0.2896,
0.3278

0.0000, 0.0000,
0.0000

49.6315, 0.2700,
0.3262

49.6315, 0.2700,
0.3262

47.7587, 0.2579,
0.3251

51.8221, 0.2835,
0.3272

46.1809, 0.2473,
0.3241

54.3402, 0.2980,
0.3282

44.8816, 0.2386,
0.3229

57.2022, 0.3132,
0.3290

43.8403, 0.2317,
0.3218

60.4219, 0.3289,
0.3298

43.0337, 0.2267,
0.3207

64.0123, 0.3448,
0.3306

■ 42.4341, 0.2236,
0.3196

■ 67.1552, 0.3572,
0.3312

■ 41.9910, 0.2219,
0.3185

■ 67.4652, 0.3571,
0.3319

■ 41.9774, 0.2218,
0.3185

■ 67.7765, 0.3570,
0.3326

■ 68.0891, 0.3568,
0.3333

Harmonies

Analogous

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



49.6315, 0.2879, 0.3508



49.6315, 0.2700, 0.3262



49.6315, 0.2632, 0.3037

Triad

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



49.6315, 0.2700, 0.3262



49.6315, 0.3108, 0.2926



49.6315, 0.3579, 0.3683

Complementary

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



49.6315, 0.2700, 0.3262



33.3496, 0.3774, 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.



49.6315, 0.3649, 0.3510



49.6315, 0.2700, 0.3262



49.6315, 0.3371, 0.3083

Square

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



49.6315, 0.2700, 0.3262



49.6315, 0.2860, 0.2856



49.6315, 0.3572, 0.3293



49.6315, 0.3386, 0.3756

Rectangle

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



49.6315, 0.2700, 0.3262



49.6315, 0.2656, 0.2930



49.6315, 0.3572, 0.3293



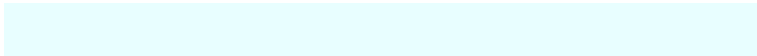
49.6315, 0.3618, 0.3634

Sweetspot

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



49.6335, 0.2700, 0.3262



95.4170, 0.2988, 0.3282



48.3607, 0.3074, 0.4118



20.2748, 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.



49.6335, 0.2700, 0.3262



84.6106, 0.2615, 0.3255



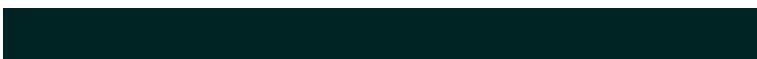
37.5113, 0.2654, 0.2843



12.0045, 0.2984, 0.3282



27.0233, 0.2219, 0.3186



1.2990, 0.2225, 0.3209

Inverse Universe

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



34.9100, 0.3180, 0.2582



54.5499, 0.3193, 0.2422



43.3203, 0.3665, 0.3699



10.8103, 0.3143, 0.3070



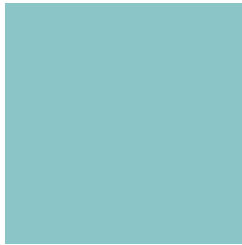
10.2680, 0.3293, 0.1588



0.4882, 0.3274, 0.1577

Previews

White Background



This preview shows how the Yxy color 49.6315, 0.2700, 0.3262 looks on a white background.

Color Contrast Check

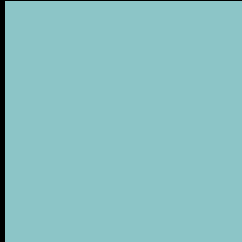
Large Text (above 18pt) WCAG AA × Fail

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 49.6315, 0.2700, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

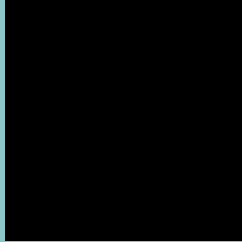
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

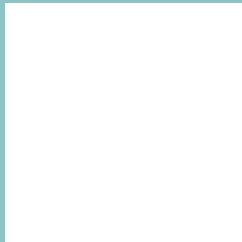
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.6315, 0.2700, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 49.6315, 0.2700, 0.3262.

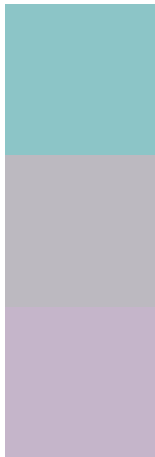


This preview shows how white text looks on a background with the Yxy color 49.6315, 0.2700, 0.3262.

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

49.6315, 0.2700, 0.3262

Protanopia

49.1951, 0.3098, 0.3202

Deuteranopia

49.1823, 0.3097, 0.3034



Tritanopia

49.5730, 0.2644, 0.3077

Trichromacy



Original Color

49.6315, 0.2700, 0.3262

Protanomaly

48.9932, 0.2939, 0.3211

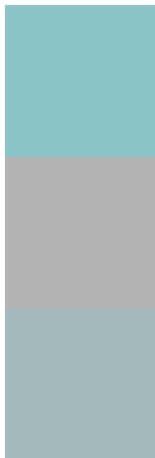
Deuteranomaly

48.9878, 0.2935, 0.3111

Tritanomaly

49.7356, 0.2663, 0.3142

Monochromacy



Original Color

49.6315, 0.2700, 0.3262

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.7050, 0.2949, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6315, 0.2700, 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, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(140, 197, 199)  
}
```

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, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 197, 199) }
```

Border

The CSS property to change the border of an element to Yxy 49.6315, 0.2700, 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, 197, 199) }
```

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

```
.border{ border-color:rgb(140, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(140, 197,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6315, 0.2700, 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, 197, 199) }
```

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

```
.background{ background-color: rgb(140,  
197, 199) }
```

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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