

Converting Colors

$Yxy(62.1307, 0.2819, 0.3472)$

Have a look what the booklet for
Yxy(62.1307, 0.2819, 0.3472)
contains.

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Color

Yxy(61.8734, 0.2815, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	9FDACC
RGB	159, 218, 204
RGB Percent	62%, 85%, 80%
CMY	0.3765, 0.1451, 0.2000
CMYK	0.27, 0.00, 0.06, 0.15
HSL	166°, 44%, 74%
HSV	166°, 27%, 85%
XYZ	50.2666, 61.8734, 66.4269
YIQ	198.7630, -30.6700, -16.8620

Conversions

Conversions Part 2

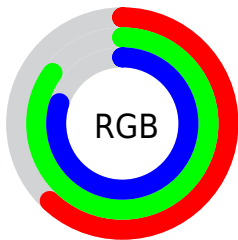
Format	Color
RYB	159, 192, 218
Decimal	10476236
CIELab	82.85, -21.72, 0.80
CIElCh	83, 21.732, 177.894
Yxy	61.8734, 0.2815, 0.3465
Android (android.graphics.Color)	4288666316 (0xFF9FDACC)
YUV	198.7630, 2.5818, -34.8722
Hunter-Lab	78.6596, -23.5860, 4.9923

Details

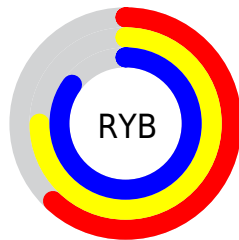
The Yxy color **61.8734, 0.2815, 0.3465** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.7128, 0.3572, 0.3123**, and the grayscale version is **56.9583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **31.4606, 0.2738, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **59.5966, 0.2715, 0.3540**, and if you desaturate by 10%, it is **64.5566, 0.2925, 0.3395**.

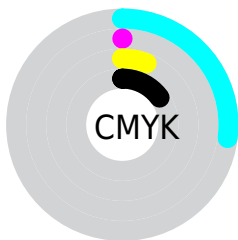
Distribution



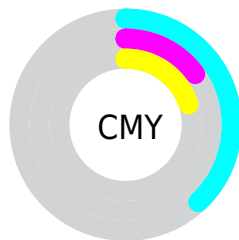
- Red (62%)
- Green (85%)
- Blue (80%)



- Red (62%)
- Yellow (75%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)




- Cyan (38%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8734, 0.2815, 0.3465 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 61.8734, 0.2815, 0.3465 by changing the saturation by 10% instead.


 61.8734, 0.2815,
0.3465

 61.8734, 0.2815,
0.3465

431.4691, 0.2964,
0.3382

 44.9304, 0.2780,
0.3485


 107.5425, 0.2867,
0.3435

 31.4026, 0.2736,
0.3510


 137.0375, 0.2888,
0.3424

 20.9056, 0.2680,
0.3541


171.4852, 0.2905,
0.3415

 13.0550, 0.2604,
0.3584

211.2701, 0.2920,
0.3406

 7.4665, 0.2499,
0.3645

256.7765, 0.2933,
0.3399

 3.7555, 0.2341,
0.3736

308.3889, 0.2944,

 1.5377, 0.2078,

0.3392

0.3889

366.4917, 0.2954,
0.3387

0.3151, 0.0000,
0.5231

0.0000, 0.0000,
0.0000

61.8734, 0.2815,
0.3465

61.8734, 0.2815,
0.3465

59.5966, 0.2715,
0.3540

64.5566, 0.2925,
0.3395

57.6977, 0.2629,
0.3620

67.6577, 0.3042,
0.3331


56.1568, 0.2558,
0.3704


71.1972, 0.3163,
0.3274

54.9488, 0.2505,
0.3791

75.1921, 0.3286,
0.3222


 54.0453, 0.2472,
0.3880


 77.1118, 0.3315,
0.3172


 53.4131, 0.2459,
0.3968


 77.4063, 0.3279,
0.3121

 53.0086, 0.2464,
0.4055

 77.7095, 0.3243,
0.3071

 52.9115, 0.2467,
0.4081

 78.0215, 0.3208,
0.3021

 78.3423, 0.3174,
0.2972

Harmonies

Analogous

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



61.8734, 0.3067, 0.3684



61.8734, 0.2815, 0.3465



61.8734, 0.2650, 0.3202

Triad

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



61.8734, 0.2815, 0.3465



61.8734, 0.2898, 0.2841



61.8734, 0.3675, 0.3568

Complementary

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



61.8734, 0.2815, 0.3465



42.7128, 0.3572, 0.3123

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.



61.8734, 0.3628, 0.3344



61.8734, 0.2815, 0.3465



61.8734, 0.3169, 0.2937

Square

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



61.8734, 0.2815, 0.3465



61.8734, 0.2696, 0.2853



61.8734, 0.3440, 0.3118



61.8734, 0.3568, 0.3732

Rectangle

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



61.8734, 0.2815, 0.3465



61.8734, 0.2607, 0.3045



61.8734, 0.3440, 0.3118



61.8734, 0.3677, 0.3497

Sweetspot

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



61.8759, 0.2815, 0.3465



96.0265, 0.3030, 0.3338



61.6178, 0.3196, 0.4042



20.4035, 0.3012, 0.3347



0.0000, 0.0000, 0.0000



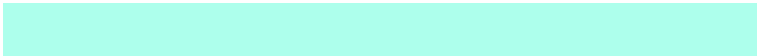
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8759, 0.2815, 0.3465



86.4858, 0.2762, 0.3504



55.2619, 0.2716, 0.3103



14.7740, 0.3014, 0.3346



31.7146, 0.2463, 0.4068



2.0676, 0.2424, 0.3925

Inverse Universe

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



42.7128, 0.3572, 0.3123



55.1398, 0.3690, 0.3090



47.5801, 0.3664, 0.3469



13.1019, 0.3255, 0.3235



9.0908, 0.5959, 0.3056



0.6024, 0.5494, 0.2800

Previews

White Background



This preview shows how the Yxy color 61.8734, 0.2815, 0.3465 looks on a white background.

Color Contrast Check

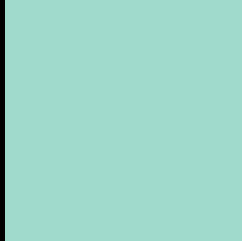
Large Text (above 18pt) WCAG AA × Fail

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 61.8734, 0.2815, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

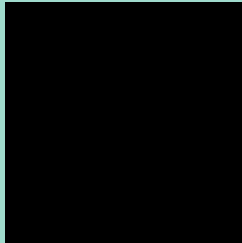
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

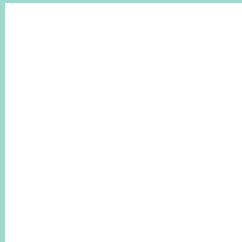
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8734, 0.2815, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 61.8734, 0.2815, 0.3465.

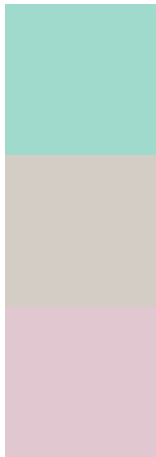


This preview shows how white text looks on a background with the Yxy color 61.8734, 0.2815, 0.3465.

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

61.8734, 0.2815, 0.3465

Protanopia

61.5427, 0.3231, 0.3383

Deuteranopia

61.2482, 0.3258, 0.3190



Tritanopia

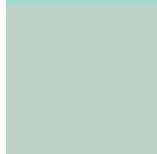
61.8620, 0.2692, 0.3085

Trichromacy



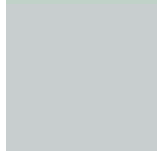
Original Color

61.8734, 0.2815, 0.3465



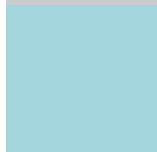
Protanomaly

61.4698, 0.3062, 0.3410



Deuteranomaly

60.9270, 0.3075, 0.3278



Tritanomaly

61.6079, 0.2738, 0.3215

Monochromacy



Original Color

61.8734, 0.2815, 0.3465



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.5500, 0.2998, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8734, 0.2815, 0.3465 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(159, 218, 204)` looks like.

```
.text, #text, p{  
    color:rgb(159, 218, 204)  
}
```

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(159, 218, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 218, 204) }
```

Border

The CSS property to change the border of an element to Yxy 61.8734, 0.2815, 0.3465 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(159, 218, 204) }
```

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

```
.border{ border-color:rgb(159, 218, 204) }
```

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

Here you see how a box with a 4 pixel rgb(159, 218, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 218, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 218, 204);  
box-shadow:4px 4px 4px 4px rgb(159, 218,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8734, 0.2815, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 218, 204) }
```

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

```
.background{ background-color: rgb(159,  
218, 204) }
```

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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