

Converting Colors

$Yxy(60.9646, 0.2820, 0.3436)$

Have a look what the booklet for
Yxy(60.9646, 0.2820, 0.3436)
contains.

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Color

Yxy(60.9449, 0.2820, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	A0D8CC
RGB	160, 216, 204
RGB Percent	63%, 85%, 80%
CMY	0.3723, 0.1530, 0.2000
CMYK	0.26, 0.00, 0.06, 0.15
HSL	167°, 42%, 74%
HSV	167°, 26%, 85%
XYZ	49.9606, 60.9449, 66.2599
YIQ	197.8880, -29.5240, -15.6040

Conversions

Conversions Part 2

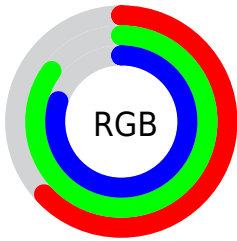
Format	Color
RYB	160, 191, 216
Decimal	10541260
CIELab	82.35, -20.40, 0.08
CIElCh	82, 20.397, 179.764
Yxy	60.9449, 0.2820, 0.3440
Android (android.graphics.Color)	4288731340 (0xFFA0D8CC)
YUV	197.8880, 3.0132, -33.2278
Hunter-Lab	78.0672, -22.3831, 4.3244

Details

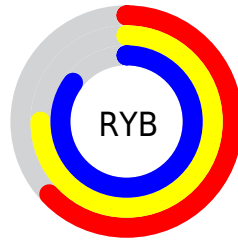
The Yxy color **60.9449, 0.2820, 0.3440** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.7394, 0.3559, 0.3146**, and the grayscale version is **56.4031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **30.8175, 0.2743, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **58.6915, 0.2717, 0.3507**, and if you desaturate by 10%, it is **63.5967, 0.2933, 0.3378**.

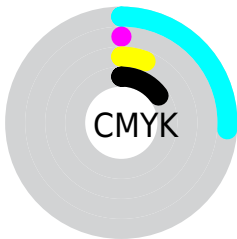
Distribution



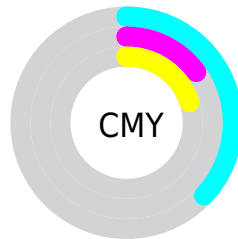
- Red (63%)
- Green (85%)
- Blue (80%)



- Red (63%)
- Yellow (75%)
- Blue (85%)



- Cyan (26%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (37%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9449, 0.2820, 0.3440 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 60.9449, 0.2820, 0.3440 by changing the saturation by 10% instead.


 60.9449, 0.2820,
0.3440


 60.9449, 0.2820,
0.3440


428.0719, 0.2966,
0.3369

 44.1807, 0.2785,
0.3457


 106.1992, 0.2872,
0.3415

 30.8126, 0.2742,
0.3478


 135.4580, 0.2892,
0.3405

 20.4562, 0.2686,
0.3505


169.6505, 0.2908,
0.3397

 12.7271, 0.2612,
0.3542

209.1611, 0.2923,
0.3390

 7.2409, 0.2507,
0.3593

254.3741, 0.2936,
0.3383

 3.6132, 0.2350,
0.3670

305.6740, 0.2947,

 1.4596, 0.2086,

0.3378

363.4452, 0.2957,
0.3373

0.3799

0.2601, 0.0000,
0.4840

0.0000, 0.0000,
0.0000

60.9449, 0.2820,
0.3440

60.9449, 0.2820,
0.3440

58.6915, 0.2717,
0.3507

63.5967, 0.2933,
0.3378

56.8089, 0.2626,
0.3578

66.6579, 0.3054,
0.3321

55.2778, 0.2552,
0.3653

70.1485, 0.3179,
0.3270

54.0740, 0.2495,
0.3731

74.0849, 0.3306,
0.3223

■ 53.1703, 0.2458,
0.3810

■ 75.9223, 0.3336,
0.3179

■ 52.5349, 0.2440,
0.3889

■ 76.1816, 0.3304,
0.3133

■ 52.1286, 0.2441,
0.3967

■ 76.4478, 0.3271,
0.3088

■ 51.9992, 0.2444,
0.3999

■ 76.7210, 0.3239,
0.3043

■ 77.0012, 0.3208,
0.2998

Harmonies

Analogous

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



60.9449, 0.3055, 0.3650



60.9449, 0.2820, 0.3440



60.9449, 0.2670, 0.3193

Triad

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



60.9449, 0.2820, 0.3440



60.9449, 0.2926, 0.2868



60.9449, 0.3641, 0.3565

Complementary

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



60.9449, 0.2820, 0.3440



42.7394, 0.3559, 0.3146

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.



60.9449, 0.3606, 0.3356



60.9449, 0.2820, 0.3440



60.9449, 0.3184, 0.2965

Square

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



60.9449, 0.2820, 0.3440



60.9449, 0.2729, 0.2873



60.9449, 0.3436, 0.3140



60.9449, 0.3532, 0.3714

Rectangle

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



60.9449, 0.2820, 0.3440



60.9449, 0.2634, 0.3047



60.9449, 0.3436, 0.3140



60.9449, 0.3646, 0.3500

Sweetspot

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



60.9474, 0.2820, 0.3440



96.0558, 0.3027, 0.3333



60.4387, 0.3180, 0.4007



20.4109, 0.3009, 0.3341



0.0000, 0.0000, 0.0000



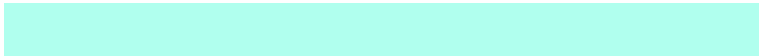
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9474, 0.2820, 0.3440



86.9209, 0.2763, 0.3476



53.8123, 0.2731, 0.3088



14.0602, 0.3011, 0.3340



30.7971, 0.2441, 0.3987



1.8692, 0.2403, 0.3852

Inverse Universe

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



42.7394, 0.3559, 0.3146



56.1364, 0.3682, 0.3115



48.1514, 0.3629, 0.3483



12.4639, 0.3258, 0.3240



8.7722, 0.6023, 0.3092



0.5415, 0.5534, 0.2822

Previews

White Background



This preview shows how the Yxy color 60.9449, 0.2820, 0.3440 looks on a white background.

Color Contrast Check

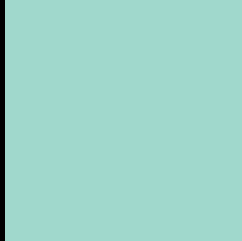
Large Text (above 18pt) WCAG AA × Fail

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 60.9449, 0.2820, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

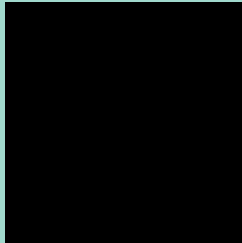
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

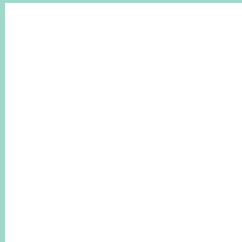
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9449, 0.2820, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 60.9449, 0.2820, 0.3440.

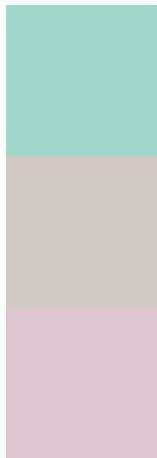


This preview shows how white text looks on a background with the Yxy color 60.9449, 0.2820, 0.3440.

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**

60.9449, 0.2820, 0.3440

Protanopia

60.4447, 0.3225, 0.3360

Deuteranopia

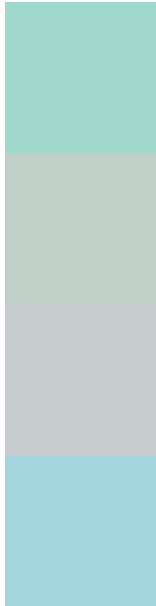
60.4718, 0.3243, 0.3178



Tritanopia

60.7434, 0.2701, 0.3083

Trichromacy



Original Color

60.9449, 0.2820, 0.3440

Protanomaly

60.4883, 0.3063, 0.3386

Deuteranomaly

60.3098, 0.3068, 0.3266

Tritanomaly

60.5423, 0.2741, 0.3203

Monochromacy



Original Color

60.9449, 0.2820, 0.3440

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.0231, 0.3005, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9449, 0.2820, 0.3440 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(160, 216, 204)` looks like.

```
.text, #text, p{  
    color:rgb(160, 216, 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(160, 216, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 216, 204) }
```

Border

The CSS property to change the border of an element to Yxy 60.9449, 0.2820, 0.3440 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(160, 216, 204) }
```

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

```
.border{ border-color:rgb(160, 216, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 216, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 216, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 216, 204);  
box-shadow:4px 4px 4px 4px rgb(160, 216,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9449, 0.2820, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 216, 204) }
```

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

```
.background{ background-color: rgb(160,  
216, 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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