

Converting Colors

$Yxy(62.6380, 0.2661, 0.3555)$

Have a look what the booklet for
Yxy(62.6380, 0.2661, 0.3555)
contains.

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Color

Yxy(62.4168, 0.2659, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	82E0CC
RGB	130, 224, 204
RGB Percent	51%, 88%, 80%
CMY	0.4900, 0.1216, 0.2001
CMYK	0.42, 0.00, 0.09, 0.12
HSL	167°, 60%, 69%
HSV	167°, 42%, 88%
XYZ	46.7642, 62.4168, 66.6905
YIQ	193.6140, -49.6040, -26.1480

Conversions

Conversions Part 2

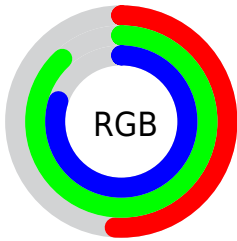
Format	Color
RYB	130, 183, 224
Decimal	8577228
CIELab	83.13, -32.58, 1.07
CIELCh	83, 32.596, 178.115
Yxy	62.4168, 0.2659, 0.3549
Android (android.graphics.Color)	4286767308 (0xFF82E0CC)
YUV	193.6140, 5.1203, -55.7895
Hunter-Lab	79.0043, -32.5998, 5.2541

Details

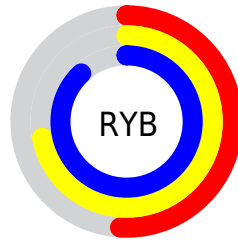
The Yxy color **62.4168, 0.2659, 0.3549** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.0332, 0.3971, 0.3055**, and the grayscale version is **53.7080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3048, 0.2736, 0.3289**, and **31.6237, 0.2539, 0.3607** is the 20% darker color. If you saturate the color by 10%, you get **60.6100, 0.2578, 0.3622**, and if you desaturate by 10%, it is **64.6212, 0.2755, 0.3479**.

Distribution



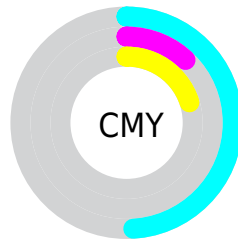
- Red (51%)
- Green (88%)
- Blue (80%)



- Red (51%)
- Yellow (72%)
- Blue (88%)



- Cyan (42%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)




- Cyan (49%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4168, 0.2659, 0.3549 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 62.4168, 0.2659, 0.3549 by changing the saturation by 10% instead.


 62.4168, 0.2659,
0.3549


 62.4168, 0.2659,
0.3549


433.4498, 0.2881,
0.3426


 45.3696, 0.2607,
0.3578


 108.3277, 0.2737,
0.3505

 31.7486, 0.2542,
0.3614


 137.9602, 0.2767,
0.3489

 21.1696, 0.2459,
0.3661


 172.5565, 0.2793,
0.3474

 13.2480, 0.2348,
0.3724

212.5010, 0.2815,
0.3462

 7.5995, 0.2195,
0.3811

258.1783, 0.2835,
0.3451

 3.8398, 0.1968,
0.3942

309.9725, 0.2852,

 1.5844, 0.1549,

0.3442

0.4182

368.2683, 0.2867,
0.3433

0.3470, 0.0000,
0.5339

0.0000, 0.0000,
0.0000

62.4168, 0.2659,
0.3549

62.4168, 0.2659,
0.3549

60.6100, 0.2578,
0.3622

64.6212, 0.2755,
0.3479

59.1679, 0.2514,
0.3699

67.2389, 0.2863,
0.3414


58.0648, 0.2469,
0.3777

70.2934, 0.2980,
0.3355


57.2681, 0.2443,
0.3856

73.8047, 0.3103,
0.3300


 56.7387, 0.2437,
0.3934


 77.7913, 0.3229,
0.3251

 56.4547, 0.2444,
0.3997

 80.4322, 0.3289,
0.3205

 80.7083, 0.3257,
0.3158

 80.9918, 0.3225,
0.3112

 81.2828, 0.3194,
0.3066

Harmonies

Analogous

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



62.4168, 0.3026, 0.3892



62.4168, 0.2659, 0.3549



62.4168, 0.2425, 0.3144

Triad

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



62.4168, 0.2659, 0.3549



62.4168, 0.2786, 0.2637



62.4168, 0.3947, 0.3689

Complementary

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



62.4168, 0.2659, 0.3549



34.0332, 0.3971, 0.3055

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.



62.4168, 0.3882, 0.3360



62.4168, 0.2659, 0.3549



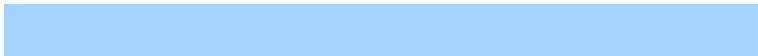
62.4168, 0.3188, 0.2778

Square

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



62.4168, 0.2659, 0.3549



62.4168, 0.2495, 0.2645



62.4168, 0.3597, 0.3036



62.4168, 0.3778, 0.3945

Rectangle

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



62.4168, 0.2659, 0.3549



62.4168, 0.2366, 0.2912



62.4168, 0.3597, 0.3036



62.4168, 0.3953, 0.3583

Sweetspot

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



62.4193, 0.2659, 0.3549



93.7990, 0.2966, 0.3361



61.4471, 0.3199, 0.4535



19.8741, 0.2940, 0.3374



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.



62.4193, 0.2659, 0.3549



81.6618, 0.2589, 0.3611



50.2388, 0.2499, 0.2939



15.5197, 0.3010, 0.3340



32.8788, 0.2440, 0.3985



2.2916, 0.2407, 0.3865

Inverse Universe

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



34.0332, 0.3971, 0.3055



38.9241, 0.4240, 0.3013



41.4648, 0.4070, 0.3608



13.7481, 0.3259, 0.3240



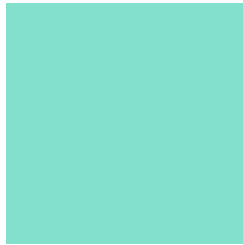
9.3611, 0.6031, 0.3096



0.6620, 0.5602, 0.2860

Previews

White Background



This preview shows how the Yxy color 62.4168, 0.2659, 0.3549 looks on a white background.

Color Contrast Check

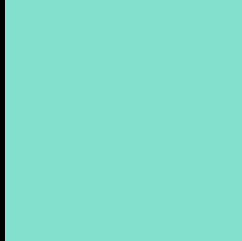
Large Text (above 18pt) WCAG AA × Fail

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 62.4168, 0.2659, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

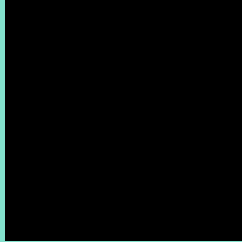
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

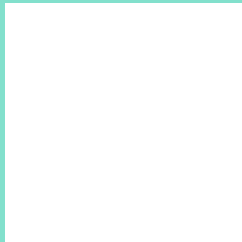
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4168, 0.2659, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 62.4168, 0.2659, 0.3549.

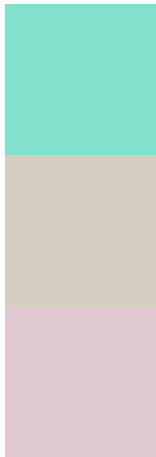


This preview shows how white text looks on a background with the Yxy color 62.4168, 0.2659, 0.3549.

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

62.4168, 0.2659, 0.3549

Protanopia

61.7038, 0.3268, 0.3418

Deuteranopia

61.7593, 0.3249, 0.3190



Tritanopia

62.2664, 0.2526, 0.3068

Trichromacy



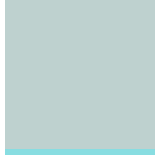
Original Color

62.4168, 0.2659, 0.3549



Protanomaly

61.2315, 0.3010, 0.3461



Deuteranomaly

61.0531, 0.3001, 0.3314



Tritanomaly

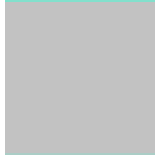
62.3834, 0.2575, 0.3238

Monochromacy



Original Color

62.4168, 0.2659, 0.3549



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.3978, 0.2924, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4168, 0.2659, 0.3549 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(130, 224, 204)` looks like.

```
.text, #text, p{  
    color:rgb(130, 224, 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(130, 224, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 224, 204) }
```

Border

The CSS property to change the border of an element to Yxy 62.4168, 0.2659, 0.3549 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(130, 224, 204) }
```

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

```
.border{ border-color:rgb(130, 224, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 224, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 224, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 224, 204);  
box-shadow:4px 4px 4px 4px rgb(130, 224,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4168, 0.2659, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 224, 204) }
```

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

```
.background{ background-color: rgb(130,  
224, 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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