

Converting Colors

$Yxy(61.9957, 0.2450, 0.3463)$

Have a look what the booklet for
Yxy(61.9957, 0.2450, 0.3463)
contains.

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Color

Yxy(62.0174, 0.2451, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	5BE3D6
RGB	91, 227, 214
RGB Percent	36%, 89%, 84%
CMY	0.6430, 0.1098, 0.1609
CMYK	0.60, 0.00, 0.06, 0.11
HSL	174°, 71%, 62%
HSV	174°, 60%, 89%
XYZ	43.9193, 62.0174, 73.2526
YIQ	184.8540, -76.8830, -32.8750

Conversions

Conversions Part 2

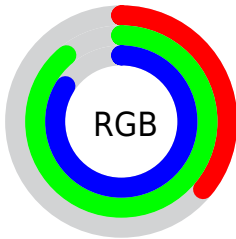
Format	Color
RYB	91, 162, 227
Decimal	6022102
CIELab	82.92, -39.84, -4.69
CIELCh	83, 40.113, 186.715
Yxy	62.0174, 0.2451, 0.3461
Android (android.graphics.Color)	4284212182 (0xFF5BE3D6)
YUV	184.8540, 14.3690, -82.3100
Hunter-Lab	78.7511, -38.2655, -0.0245

Details

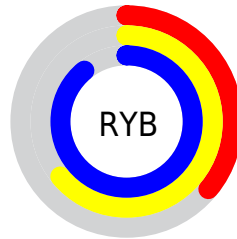
The Yxy color **62.0174, 0.2451, 0.3461** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **24.8191, 0.4822, 0.3156**, and the grayscale version is **48.3849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6100, 0.2579, 0.3288**, and **31.6290, 0.2307, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **60.9246, 0.2393, 0.3494**, and if you desaturate by 10%, it is **63.4653, 0.2528, 0.3429**.

Distribution



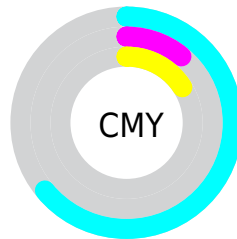
- Red (36%)
- Green (89%)
- Blue (84%)



- Red (36%)
- Yellow (64%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)





- Cyan (64%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0174, 0.2451, 0.3461 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 62.0174, 0.2451, 0.3461 by changing the saturation by 10% instead.

 62.0174, 0.2451,
0.3461


 62.0174, 0.2451,
0.3461


431.9946, 0.2768,
0.3385

 45.0468, 0.2378,
0.3477


 107.7507, 0.2562,
0.3435

 31.4943, 0.2288,
0.3497


 137.2821, 0.2604,
0.3425

 20.9755, 0.2173,
0.3521

 171.7693, 0.2641,
0.3416

 13.1061, 0.2023,
0.3551

 211.5965, 0.2673,
0.3408

 7.5016, 0.1819,
0.3587

257.1483, 0.2701,
0.3402

 3.7778, 0.1530,
0.3630

308.8089, 0.2726,

 1.5500, 0.0934,

0.3395

0.3737

366.9629, 0.2748,
0.3390

■ 0.3236, 0.0000,
0.3223

■ 0.0000, 0.0000,
0.0000

■ 62.0174, 0.2451,
0.3461

■ 62.0174, 0.2451,
0.3461

■ 60.9246, 0.2393,
0.3494

■ 63.4653, 0.2528,
0.3429

■ 60.1471, 0.2355,
0.3527

■ 65.2897, 0.2622,
0.3397

■ 59.6487, 0.2336,
0.3560

■ 67.5186, 0.2732,
0.3368


■ 59.3629, 0.2331,
0.3593

■ 70.1752, 0.2855,
0.3340


 59.3604, 0.2331,
0.3593

 73.2811, 0.2988,
0.3314

 76.8565, 0.3129,
0.3290

 80.9203, 0.3273,
0.3268

 81.9918, 0.3295,
0.3247

 82.1158, 0.3280,
0.3226

Harmonies

Analogous

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



62.0174, 0.2856, 0.3941



62.0174, 0.2451, 0.3461



62.0174, 0.2231, 0.2970

Triad

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



62.0174, 0.2451, 0.3461



62.0174, 0.2837, 0.2533



62.0174, 0.4102, 0.3868

Complementary

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



62.0174, 0.2451, 0.3461



24.8191, 0.4822, 0.3156

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.



62.0174, 0.4114, 0.3480



62.0174, 0.2451, 0.3461



62.0174, 0.3348, 0.2747

Square

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



62.0174, 0.2451, 0.3461



62.0174, 0.2440, 0.2484



62.0174, 0.3830, 0.3083



62.0174, 0.3816, 0.4150

Rectangle

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



62.0174, 0.2451, 0.3461



62.0174, 0.2205, 0.2720



62.0174, 0.3830, 0.3083



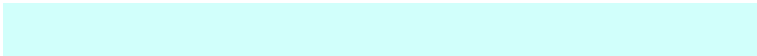
62.0174, 0.4140, 0.3745

Sweetspot

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



62.0198, 0.2451, 0.3461



92.0297, 0.2878, 0.3335



58.6772, 0.3104, 0.5184



19.4621, 0.2840, 0.3343



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.



62.0198, 0.2451, 0.3461



79.0126, 0.2382, 0.3502



37.5109, 0.2222, 0.2522



16.3113, 0.2994, 0.3312



34.6271, 0.2330, 0.3588



2.5658, 0.2317, 0.3540

Inverse Universe

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



24.8191, 0.4822, 0.3156



26.5388, 0.5393, 0.3158



37.4662, 0.4556, 0.3901



14.3903, 0.3277, 0.3268



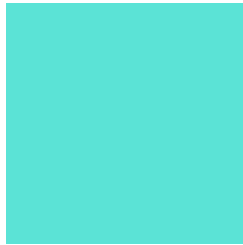
9.5651, 0.6288, 0.3238



0.7145, 0.6022, 0.3091

Previews

White Background



This preview shows how the Yxy color 62.0174, 0.2451, 0.3461 looks on a white background.

Color Contrast Check

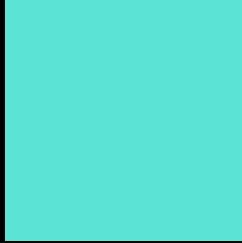
Large Text (above 18pt) WCAG AA × Fail

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 62.0174, 0.2451, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

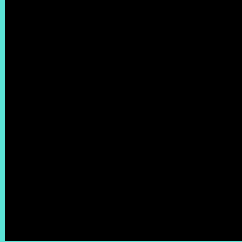
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

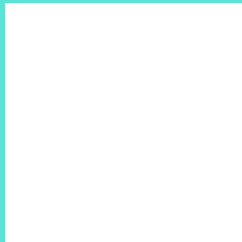
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0174, 0.2451, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 62.0174, 0.2451, 0.3461.

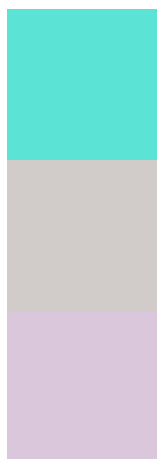


This preview shows how white text looks on a background with the Yxy color 62.0174, 0.2451, 0.3461.

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

62.0174, 0.2451, 0.3461

Protanopia

60.9581, 0.3187, 0.3325

Deuteranopia

60.9196, 0.3123, 0.3056



Tritanopia

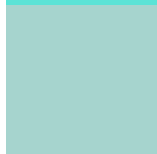
61.9510, 0.2359, 0.3061

Trichromacy



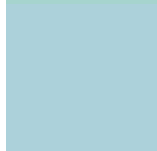
Original Color

62.0174, 0.2451, 0.3461



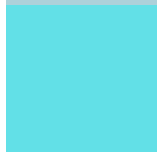
Protanomaly

59.6502, 0.2843, 0.3364



Deuteranomaly

59.4335, 0.2807, 0.3179



Tritanomaly

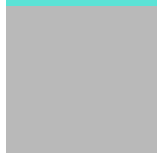
61.6775, 0.2391, 0.3198

Monochromacy



Original Color

62.0174, 0.2451, 0.3461



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

51.8734, 0.2795, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0174, 0.2451, 0.3461 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(91, 227, 214)` looks like.

```
.text, #text, p{  
    color:rgb(91, 227, 214)  
}
```

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(91, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 227, 214) }
```

Border

The CSS property to change the border of an element to Yxy 62.0174, 0.2451, 0.3461 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(91, 227, 214) }
```

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

```
.border{ border-color:rgb(91, 227, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 227, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(91, 227,  
214) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.0174, 0.2451, 0.3461$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 227, 214) }
```

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

```
.background{ background-color: rgb(91, 227,  
214) }
```

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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