

Converting Colors

$Y_{xy}(43.2334, 0.2219, 0.3136)$

Have a look what the booklet for
Yxy(43.2334, 0.2219, 0.3136)
contains.

Yxy(43.1026, 0.2219, 0.3136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.1026, 0.2219, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	15C2CC
RGB	21, 194, 204
RGB Percent	8%, 76%, 80%
CMY	0.9180, 0.2392, 0.2000
CMYK	0.90, 0.05, 0.00, 0.20
HSL	183°, 81%, 44%
HSV	183°, 90%, 80%
XYZ	30.4989, 43.1026, 63.8430
YIQ	143.4130, -106.3180, -33.5660

Conversions

Conversions Part 2

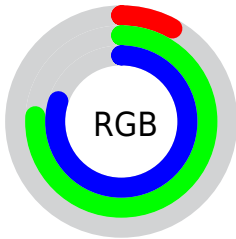
Format	Color
R _{YB}	21, 110, 204
Decimal	1426124
CIE Lab	71.62, -35.38, -16.32
CIE LCh	72, 38.965, 204.761
Yxy	43.1026, 0.2219, 0.3136
Android (android.graphics.Color)	4279616204 (0xFF15C2CC)
YUV	143.4130, 29.8694, -107.3562
Hunter-Lab	65.6526, -31.9697, -11.6990

Details

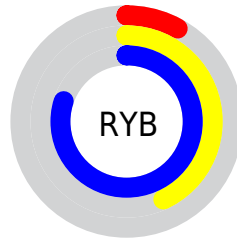
The Yxy color **43.1026, 0.2219, 0.3136** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **13.8679, 0.6161, 0.3347**, and the grayscale version is **27.5423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4656, 0.2401, 0.3241**, and **20.9582, 0.2190, 0.3084** is the 20% darker color. If you saturate the color by 10%, you get **42.4547, 0.2200, 0.3118**, and if you desaturate by 10%, it is **43.9216, 0.2253, 0.3154**.

Distribution



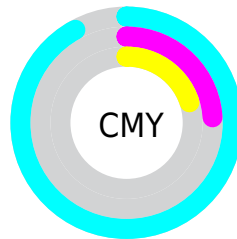
- Red (8%)
- Green (76%)
- Blue (80%)



- Red (8%)
- Yellow (43%)
- Blue (80%)



- Cyan (90%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)





- Cyan (92%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1026, 0.2219, 0.3136 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 43.1026, 0.2219, 0.3136 by changing the saturation by 10% instead.


 43.1026, 0.2219,
0.3136


 43.1026, 0.2219,
0.3136


359.0335, 0.2663,
0.3229


 29.9656, 0.2113,
0.3108


 79.8657, 0.2377,
0.3173


 19.8125, 0.1979,
0.3070


 104.2605, 0.2438,
0.3186


 12.2588, 0.1807,
0.3014


 133.1768, 0.2489,
0.3197

 6.9202, 0.1578,
0.2929

 166.9990, 0.2533,
0.3205

 3.4122, 0.1266,
0.2786

 206.1113, 0.2572,
0.3213

 1.3506, 0.0682,
0.2563

250.8982, 0.2606,

 0.1798, 0.0000,

0.3219

0.1148

301.7442, 0.2636,
0.3224

■ 0.0000, 0.0000,
0.0000

■ 43.1026, 0.2219,
0.3136

■ 43.1026, 0.2219,
0.3136

■ 42.4547, 0.2200,
0.3118

■ 43.9216, 0.2253,
0.3154

■ 42.4391, 0.2199,
0.3118

■ 44.9604, 0.2305,
0.3173

■ 46.2499, 0.2376,
0.3191

■ 47.8152, 0.2466,
0.3210

■ 49.6779, 0.2574,
0.3227

■ 51.8579, 0.2697,
0.3245

■ 54.3729, 0.2832,
0.3261

■ 57.2397, 0.2978,
0.3276

■ 60.4737, 0.3131,
0.3290

Harmonies

Analogous

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



43.1026, 0.2543, 0.3703



43.1026, 0.2219, 0.3136



43.1026, 0.2124, 0.2686

Triad

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



43.1026, 0.2219, 0.3136



43.1026, 0.3137, 0.2589



43.1026, 0.4032, 0.4125

Complementary

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



43.1026, 0.2219, 0.3136



13.8679, 0.6161, 0.3347

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.



43.1026, 0.4240, 0.3751



43.1026, 0.2219, 0.3136



43.1026, 0.3703, 0.2905

Square

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



43.1026, 0.2219, 0.3136



43.1026, 0.2615, 0.2424



43.1026, 0.4123, 0.3316



43.1026, 0.3586, 0.4308

Rectangle

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



43.1026, 0.2219, 0.3136



43.1026, 0.2190, 0.2503



43.1026, 0.4123, 0.3316



43.1026, 0.4134, 0.4014

Sweetspot

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



43.1042, 0.2219, 0.3136



86.8214, 0.2728, 0.3249



43.4420, 0.2990, 0.5868



18.2931, 0.2683, 0.3243



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.



43.1042, 0.2219, 0.3136



70.1712, 0.2199, 0.3115



14.2799, 0.1799, 0.1597



12.6179, 0.2984, 0.3277



26.7547, 0.2200, 0.3120



1.4130, 0.2210, 0.3155

Inverse Universe

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



17.2669, 0.3334, 0.1649



27.6150, 0.3354, 0.1621



26.7170, 0.5084, 0.4251



11.3928, 0.3146, 0.3074



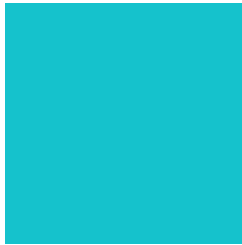
10.5039, 0.3350, 0.1619



0.5452, 0.3320, 0.1602

Previews

White Background



This preview shows how the Yxy color 43.1026, 0.2219, 0.3136 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 43.1026, 0.2219, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

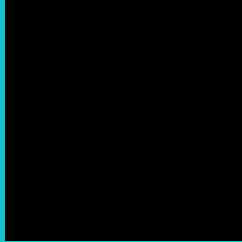
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1026, 0.2219, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 43.1026, 0.2219, 0.3136.

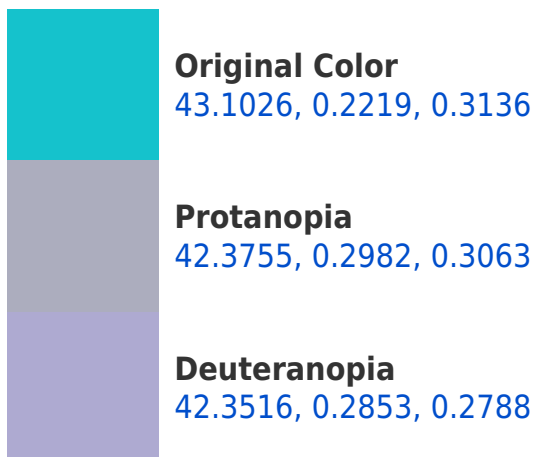


This preview shows how white text looks on a background with the Yxy color 43.1026, 0.2219, 0.3136.

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





Tritanopia

43.0194, 0.2205, 0.3048

Trichromacy



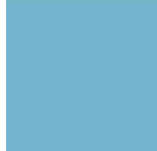
Original Color

43.1026, 0.2219, 0.3136



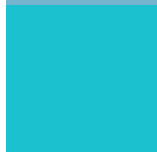
Protanomaly

40.7698, 0.2550, 0.3084



Deuteranomaly

40.5967, 0.2481, 0.2890



Tritanomaly

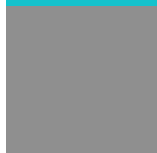
42.8779, 0.2209, 0.3077

Monochromacy



Original Color

43.1026, 0.2219, 0.3136



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

31.2099, 0.2579, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1026, 0.2219, 0.3136 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(21, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(21, 194, 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(21, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 194, 204) }
```

Border

The CSS property to change the border of an element to Yxy 43.1026, 0.2219, 0.3136 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(21, 194, 204) }
```

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

```
.border{ border-color:rgb(21, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(21, 194,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1026, 0.2219, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 194, 204) }
```

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

```
.background{ background-color: rgb(21, 194,  
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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