

Converting Colors

$Yxy(60.1744, 0.2234, 0.3243)$

Have a look what the booklet for
Yxy(60.1744, 0.2234, 0.3243)
contains.

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Color

Yxy(60.1059, 0.2232, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	01E2E6
RGB	1, 226, 230
RGB Percent	0%, 89%, 90%
CMY	0.9974, 0.1137, 0.0981
CMYK	1.00, 0.02, 0.00, 0.10
HSL	181°, 99%, 45%
HSV	181°, 100%, 90%
XYZ	41.4831, 60.1059, 84.2672
YIQ	159.1810, -135.3840, -46.4560

Conversions

Conversions Part 2

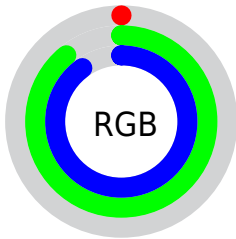
Format	Color
R _Y B	1, 114, 230
Decimal	123622
CIE Lab	81.90, -42.70, -14.84
CIE LCh	82, 45.200, 199.164
Yxy	60.1059, 0.2232, 0.3234
Android (android.graphics.Color)	4278313702 (0xFF01E2E6)
YUV	159.1810, 34.9138, -138.7247
Hunter-Lab	77.5280, -40.1635, -10.1743

Details

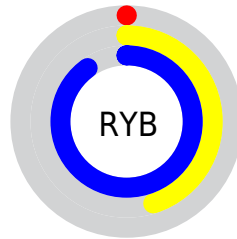
The Yxy color **60.1059, 0.2232, 0.3234** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **16.9229, 0.6387, 0.3307**, and the grayscale version is **34.5898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3174, 0.2426, 0.3288**, and **31.8446, 0.2222, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **60.0978, 0.2232, 0.3234**, and if you desaturate by 10%, it is **60.5117, 0.2246, 0.3240**.

Distribution



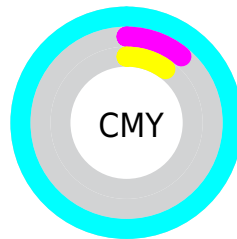
- Red (0%)
- Green (89%)
- Blue (90%)



- Red (0%)
- Yellow (45%)
- Blue (90%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)





- Cyan (100%)
- Magenta (11%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1059, 0.2232, 0.3234 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 60.1059, 0.2232, 0.3234 by changing the saturation by 10% instead.


 60.1059, 0.2232,
0.3234


 60.1059, 0.2232,
0.3234


 424.9880, 0.2646,
0.3275


 43.5040, 0.2138,
0.3221

 104.9833, 0.2375,
0.3251


 30.2808, 0.2024,
0.3202


 134.0275, 0.2431,
0.3257


 20.0518, 0.1880,
0.3175


 167.9880, 0.2479,
0.3262

 12.4327, 0.1696,
0.3133

 207.2492, 0.2521,
0.3266

 7.0391, 0.1454,
0.3066

 252.1954, 0.2558,
0.3269

 3.4866, 0.1128,
0.2946

 303.2110, 0.2591,

 1.3907, 0.0419,

0.3271

0.2785

360.6804, 0.2620,
0.3273

■ 0.2099, 0.0000,
0.1391

■ 0.0000, 0.0000,
0.0000

■ 60.1059, 0.2232,
0.3234

■ 60.1059, 0.2232,
0.3234

■ 60.0978, 0.2232,
0.3234

■ 60.5117, 0.2246,
0.3240

■ 61.1361, 0.2275,
0.3245

■ 62.0479, 0.2321,
0.3251

■ 63.2869, 0.2388,
0.3257

■ 64.8867, 0.2473,
0.3263

■ 66.8766, 0.2577,
0.3269

■ 69.2831, 0.2698,
0.3275

■ 72.1302, 0.2832,
0.3280

■ 75.4401, 0.2978,
0.3285

Harmonies

Analogous

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



60.1059, 0.2605, 0.3826



60.1059, 0.2232, 0.3234



60.1059, 0.2090, 0.2734

Triad

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



60.1059, 0.2232, 0.3234



60.1059, 0.3026, 0.2520



60.1059, 0.4127, 0.4090

Complementary

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



60.1059, 0.2232, 0.3234



16.9229, 0.6387, 0.3307

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.



60.1059, 0.4287, 0.3681



60.1059, 0.2232, 0.3234



60.1059, 0.3620, 0.2821

Square

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



60.1059, 0.2232, 0.3234



60.1059, 0.2513, 0.2383



60.1059, 0.4100, 0.3231



60.1059, 0.3699, 0.4333

Rectangle

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



60.1059, 0.2232, 0.3234



60.1059, 0.2129, 0.2516



60.1059, 0.4100, 0.3231



60.1059, 0.4216, 0.3965

Sweetspot

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



60.1081, 0.2232, 0.3234



87.4182, 0.2692, 0.3274



56.6002, 0.2998, 0.5990



18.4231, 0.2639, 0.3272



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.



60.1081, 0.2232, 0.3234



75.9427, 0.2232, 0.3234



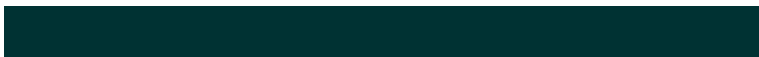
17.1941, 0.1752, 0.1504



16.2911, 0.2982, 0.3285



34.0485, 0.2232, 0.3235



2.5299, 0.2234, 0.3243

Inverse Universe

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



22.3258, 0.3253, 0.1567



28.1976, 0.3254, 0.1566



30.0494, 0.5373, 0.4114



14.6107, 0.3141, 0.3062



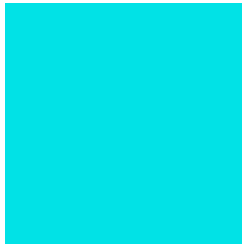
12.6349, 0.3253, 0.1566



0.9351, 0.3246, 0.1562

Previews

White Background



This preview shows how the Yxy color 60.1059, 0.2232, 0.3234 looks on a white background.

Color Contrast Check

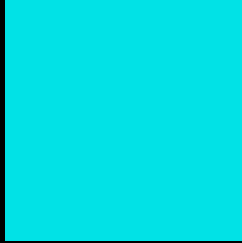
Large Text (above 18pt) WCAG AA × Fail

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 60.1059, 0.2232, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

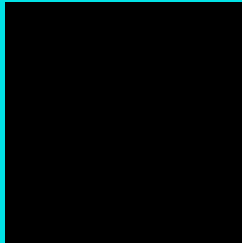
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1059, 0.2232, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 60.1059, 0.2232, 0.3234.

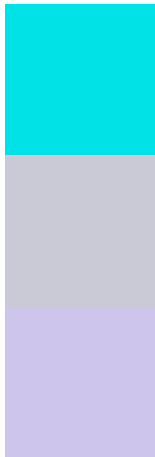


This preview shows how white text looks on a background with the Yxy color 60.1059, 0.2232, 0.3234.

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

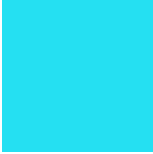
60.1123, 0.2232, 0.3234

Protanopia

59.1849, 0.3043, 0.3138

Deuteranopia

58.9678, 0.2915, 0.2851



Tritanopia

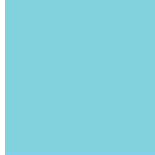
60.1154, 0.2207, 0.3053

Trichromacy



Original Color

60.1123, 0.2232, 0.3234



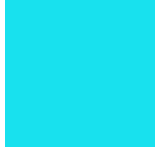
Protanomaly

55.9276, 0.2542, 0.3158



Deuteranomaly

55.8776, 0.2477, 0.2960



Tritanomaly

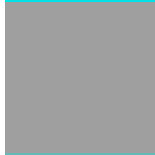
60.2177, 0.2212, 0.3117

Monochromacy



Original Color

60.1123, 0.2232, 0.3234



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

40.1365, 0.2521, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1059, 0.2232, 0.3234 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(1, 226, 230)` looks like.

```
.text, #text, p{  
    color:rgb(1, 226, 230)  
}
```

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(1, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 226, 230) }
```

Border

The CSS property to change the border of an element to Yxy 60.1059, 0.2232, 0.3234 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(1, 226, 230) }
```

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

```
.border{ border-color:rgb(1, 226, 230) }
```

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

Here you see how a box with a 4 pixel rgb(1, 226, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(1, 226,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1059, 0.2232, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 226, 230) }
```

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

```
.background{ background-color: rgb(1, 226,  
230) }
```

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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