

Converting Colors

$Y_{xy}(57.1626, 0.2220, 0.3139)$

Have a look what the booklet for
Yxy(57.1626, 0.2220, 0.3139)
contains.

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Color

Yxy(57.1626, 0.2220, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	19DCE7
RGB	25, 220, 231
RGB Percent	10%, 86%, 91%
CMY	0.9002, 0.1373, 0.0941
CMYK	0.89, 0.05, 0.00, 0.09
HSL	183°, 81%, 50%
HSV	183°, 89%, 91%
XYZ	40.4272, 57.1626, 84.5147
YIQ	162.9490, -119.7510, -37.9190

Conversions

Conversions Part 2

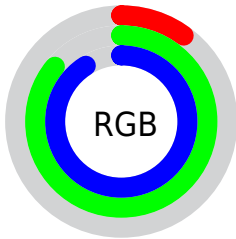
Format	Color
R _Y B	25, 125, 231
Decimal	1694951
CIE Lab	80.27, -38.94, -17.82
CIE LCh	80, 42.821, 204.591
Yxy	57.1626, 0.2220, 0.3139
Android (android.graphics.Color)	4279885031 (0xFF19DCE7)
YUV	162.9490, 33.5491, -120.9813
Hunter-Lab	75.6060, -36.8648, -13.3520

Details

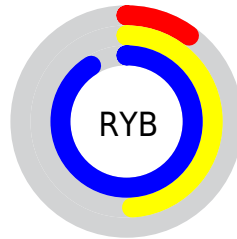
The Yxy color **57.1626, 0.2220, 0.3139** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **18.3541, 0.6160, 0.3346**, and the grayscale version is **36.5461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5219, 0.2436, 0.3288**, and **29.6461, 0.2193, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **56.3195, 0.2202, 0.3121**, and if you desaturate by 10%, it is **58.2468, 0.2254, 0.3157**.

Distribution



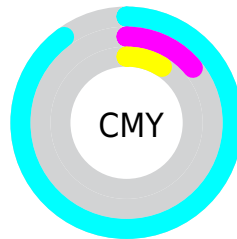
- Red (10%)
- Green (86%)
- Blue (91%)



- Red (10%)
- Yellow (49%)
- Blue (91%)



- Cyan (89%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)





- Cyan (90%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1626, 0.2220, 0.3139 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 57.1626, 0.2220, 0.3139 by changing the saturation by 10% instead.


 57.1626, 0.2220,
0.3139


 57.1626, 0.2220,
0.3139

414.0583, 0.2642,
0.3227


 41.1358, 0.2124,
0.3114


 100.7024, 0.2366,
0.3173

 28.4252, 0.2006,
0.3081


 128.9842, 0.2423,
0.3185


 18.6464, 0.1859,
0.3036


 162.1198, 0.2472,
0.3195

 11.4151, 0.1669,
0.2969

 200.4935, 0.2515,
0.3204

 6.3468, 0.1420,
0.2866

 244.4899, 0.2553,
0.3211

 3.0571, 0.1084,
0.2694

294.4932, 0.2586,

 1.1616, 0.0276,

0.3217

0.2464

350.8879, 0.2615,
0.3222

■ 0.0300, 0.0000,
0.0223

■ 0.0000, 0.0000,
0.0000

■ 57.1626, 0.2220,
0.3139

■ 57.1626, 0.2220,
0.3139

■ 56.3195, 0.2202,
0.3121

■ 58.2468, 0.2254,
0.3157

■ 56.2389, 0.2200,
0.3120

■ 59.6269, 0.2307,
0.3175

■ 61.3445, 0.2379,
0.3194

■ 63.4334, 0.2470,
0.3212

■ 65.9230, 0.2579,
0.3229

■ 68.8397, 0.2704,
0.3246

■ 72.2077, 0.2841,
0.3262

■ 76.0495, 0.2989,
0.3278

■ 80.3858, 0.3143,
0.3291

Harmonies

Analogous

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



57.1626, 0.2545, 0.3707



57.1626, 0.2220, 0.3139



57.1626, 0.2123, 0.2688

Triad

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



57.1626, 0.2220, 0.3139



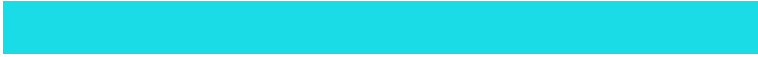
57.1626, 0.3134, 0.2587



57.1626, 0.4034, 0.4123

Complementary

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



57.1626, 0.2220, 0.3139



18.3541, 0.6160, 0.3346

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.



57.1626, 0.4241, 0.3749



57.1626, 0.2220, 0.3139



57.1626, 0.3700, 0.2903

Square

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



57.1626, 0.2220, 0.3139



57.1626, 0.2613, 0.2423



57.1626, 0.4121, 0.3313



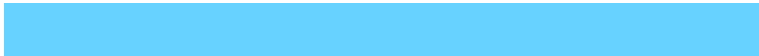
57.1626, 0.3589, 0.4308

Rectangle

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



57.1626, 0.2220, 0.3139



57.1626, 0.2189, 0.2503



57.1626, 0.4121, 0.3313



57.1626, 0.4136, 0.4012

Sweetspot

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



57.1647, 0.2220, 0.3139



86.8647, 0.2728, 0.3249



57.4988, 0.2990, 0.5867



18.3035, 0.2683, 0.3244



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.



57.1647, 0.2220, 0.3139



70.3230, 0.2200, 0.3119



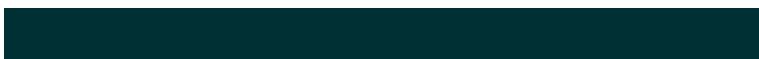
18.9285, 0.1800, 0.1599



16.1969, 0.2982, 0.3277



31.5834, 0.2201, 0.3122



2.3747, 0.2208, 0.3148

Inverse Universe

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



22.8729, 0.3331, 0.1648



27.6303, 0.3351, 0.1620



35.3872, 0.5082, 0.4251



14.6012, 0.3146, 0.3071



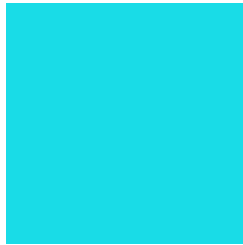
12.3861, 0.3348, 0.1618



0.9194, 0.3326, 0.1606

Previews

White Background



This preview shows how the Yxy color 57.1626, 0.2220, 0.3139 looks on a white background.

Color Contrast Check

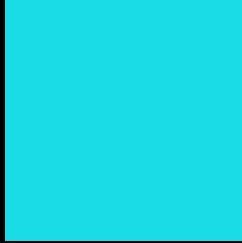
Large Text (above 18pt) WCAG AA × Fail

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 57.1626, 0.2220, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

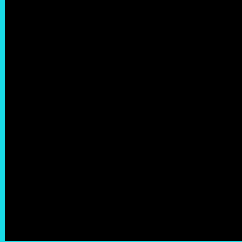
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1626, 0.2220, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 57.1626, 0.2220, 0.3139.



This preview shows how white text looks on a background with the Yxy color 57.1626, 0.2220, 0.3139.

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

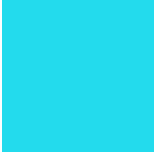
57.1626, 0.2220, 0.3139

Protanopia

56.1735, 0.2984, 0.3053

Deuteranopia

56.1247, 0.2849, 0.2786



Tritanopia

57.1348, 0.2204, 0.3049

Trichromacy



Original Color

57.1626, 0.2220, 0.3139



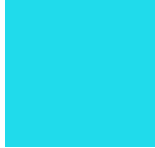
Protanomaly

53.9514, 0.2553, 0.3081



Deuteranomaly

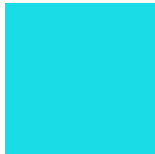
53.8609, 0.2481, 0.2884



Tritanomaly

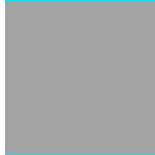
56.9683, 0.2208, 0.3074

Monochromacy



Original Color

57.1626, 0.2220, 0.3139



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

41.4225, 0.2575, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1626, 0.2220, 0.3139 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(25, 220, 231)` looks like.

```
.text, #text, p{  
    color:rgb(25, 220, 231)  
}
```

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(25, 220, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 220, 231) }
```

Border

The CSS property to change the border of an element to Yxy 57.1626, 0.2220, 0.3139 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(25, 220, 231) }
```

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

```
.border{ border-color:rgb(25, 220, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 220, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 220, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 220, 231);  
box-shadow:4px 4px 4px 4px rgb(25, 220,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1626, 0.2220, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 220, 231) }
```

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

```
.background{ background-color: rgb(25, 220,  
231) }
```

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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