

Converting Colors

$Yxy(62.0794, 0.2186, 0.3068)$

Have a look what the booklet for
Yxy(62.0794, 0.2186, 0.3068)
contains.

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Color

Yxy(62.0858, 0.2186, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	01E4F5
RGB	1, 228, 245
RGB Percent	0%, 89%, 96%
CMY	0.9962, 0.1059, 0.0392
CMYK	1.00, 0.07, 0.00, 0.04
HSL	184°, 99%, 48%
HSV	184°, 100%, 96%
XYZ	44.2371, 62.0858, 96.0428
YIQ	162.0650, -140.7490, -42.8370

Conversions

Conversions Part 2

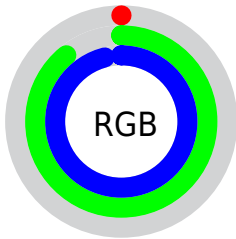
Format	Color
R_{YB}	1, 119, 245
Decimal	124149
CIE Lab	82.96, -39.06, -21.19
CIE LCh	83, 44.441, 208.475
Yxy	62.0858, 0.2186, 0.3068
Android (android.graphics.Color)	4278314229 (0xFF01E4F5)
YUV	162.0650, 40.8870, -141.2540
Hunter-Lab	78.7945, -37.6763, -17.1125

Details

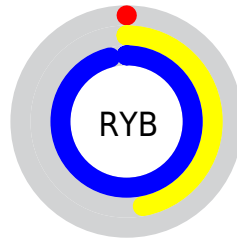
The Yxy color **62.0858, 0.2186, 0.3068** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **19.8479, 0.6357, 0.3331**, and the grayscale version is **36.0156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4530, 0.2433, 0.3288**, and **33.1792, 0.2168, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **62.0443, 0.2185, 0.3067**, and if you desaturate by 10%, it is **63.2385, 0.2205, 0.3091**.

Distribution



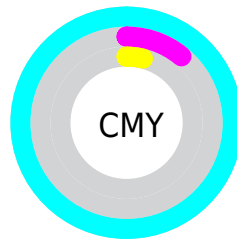
- Red (0%)
- Green (89%)
- Blue (96%)



- Red (0%)
- Yellow (47%)
- Blue (96%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)




- Cyan (100%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0858, 0.2186, 0.3068 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 62.0858, 0.2186, 0.3068 by changing the saturation by 10% instead.


 62.0858, 0.2186,
0.3068

 62.0858, 0.2186,
0.3068


432.2440, 0.2616,
0.3189

 45.1020, 0.2090,
0.3036


 107.8495, 0.2333,
0.3114


 31.5378, 0.1974,
0.2994

 137.3983, 0.2391,
0.3130

 21.0087, 0.1830,
0.2938


 171.9041, 0.2441,
0.3144

 13.1304, 0.1647,
0.2859

 211.7515, 0.2485,
0.3156

 7.5184, 0.1411,
0.2743

 257.3248, 0.2523,
0.3166

 3.7884, 0.1099,
0.2559

309.0084, 0.2558,

 1.5559, 0.0597,

0.3175

0.2268

367.1866, 0.2588,
0.3183

■ 0.3276, 0.0000,
0.1334

■ 0.0000, 0.0000,
0.0000

■ 62.0858, 0.2186,
0.3068

■ 62.0858, 0.2186,
0.3068

■ 62.0443, 0.2185,
0.3067

■ 63.2385, 0.2205,
0.3091

■ 64.6566, 0.2240,
0.3115

■ 66.4166, 0.2293,
0.3139

■ 68.5651, 0.2366,
0.3163

■ 71.1414, 0.2458,
0.3187

■ 74.1799, 0.2568,
0.3210

■ 77.7112, 0.2693,
0.3232

■ 81.7635, 0.2831,
0.3253

■ 86.3628, 0.2979,
0.3273

Harmonies

Analogous

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



62.0858, 0.2485, 0.3637



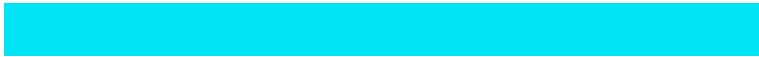
62.0858, 0.2186, 0.3068



62.0858, 0.2120, 0.2638

Triad

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



62.0858, 0.2186, 0.3068



62.0858, 0.3208, 0.2615



62.0858, 0.3995, 0.4168

Complementary

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



62.0858, 0.2186, 0.3068



19.8479, 0.6357, 0.3331

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.



62.0858, 0.4242, 0.3806



62.0858, 0.2186, 0.3068



62.0858, 0.3773, 0.2949

Square

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



62.0858, 0.2186, 0.3068



62.0858, 0.2668, 0.2427



62.0858, 0.4166, 0.3370



62.0858, 0.3524, 0.4320

Rectangle

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



62.0858, 0.2186, 0.3068



62.0858, 0.2206, 0.2472



62.0858, 0.4166, 0.3370



62.0858, 0.4109, 0.4064

Sweetspot

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



62.0881, 0.2186, 0.3068



84.9103, 0.2687, 0.3231



65.3566, 0.2991, 0.5966



17.8124, 0.2632, 0.3222



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.



62.0881, 0.2186, 0.3068



67.9229, 0.2185, 0.3067



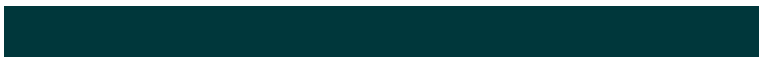
17.0572, 0.1706, 0.1340



18.5485, 0.2981, 0.3273



33.5076, 0.2186, 0.3071



3.0032, 0.2195, 0.3100

Inverse Universe

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



25.0366, 0.3395, 0.1645



27.3880, 0.3396, 0.1644



37.9567, 0.5228, 0.4228



16.7472, 0.3149, 0.3073



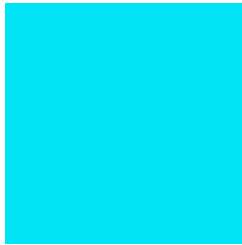
13.4820, 0.3392, 0.1642



1.1908, 0.3367, 0.1628

Previews

White Background



This preview shows how the Yxy color 62.0858, 0.2186, 0.3068 looks on a white background.

Color Contrast Check

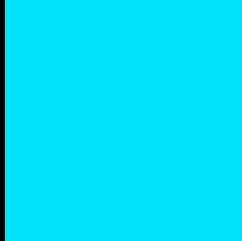
Large Text (above 18pt) WCAG AA × Fail

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 62.0858, 0.2186, 0.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

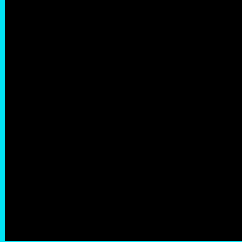
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0858, 0.2186, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 62.0858, 0.2186, 0.3068.

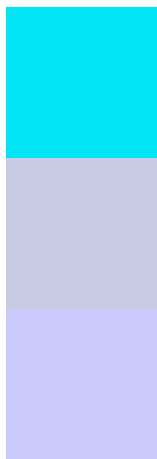


This preview shows how white text looks on a background with the Yxy color 62.0858, 0.2186, 0.3068.

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

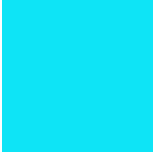
62.0858, 0.2186, 0.3068

Protanopia

60.7865, 0.2934, 0.2993

Deuteranopia

61.1558, 0.2794, 0.2738



Tritanopia

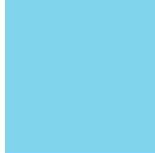
62.2340, 0.2188, 0.3056

Trichromacy



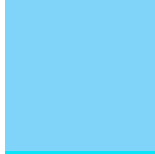
Original Color

62.0858, 0.2186, 0.3068



Protanomaly

57.6743, 0.2466, 0.2998



Deuteranomaly

58.0173, 0.2398, 0.2823



Tritanomaly

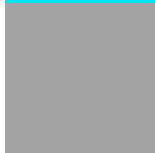
62.1987, 0.2186, 0.3056

Monochromacy



Original Color

62.0858, 0.2186, 0.3068



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

41.8071, 0.2500, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0858, 0.2186, 0.3068 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, 228, 245)` looks like.

```
.text, #text, p{  
    color:rgb(1, 228, 245)  
}
```

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, 228, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 228, 245) }
```

Border

The CSS property to change the border of an element to Yxy 62.0858, 0.2186, 0.3068 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, 228, 245) }
```

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

```
.border{ border-color:rgb(1, 228, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 228, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 228, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 228, 245);  
box-shadow:4px 4px 4px 4px rgb(1, 228,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0858, 0.2186, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 228, 245) }
```

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

```
.background{ background-color: rgb(1, 228,  
245) }
```

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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