

Converting Colors

$Yxy(28.2102, 0.2142, 0.2906)$

Have a look what the booklet for
Yxy(28.2102, 0.2142, 0.2906)
contains.

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Color

$\text{Yxy}(28.1454, 0.2141, 0.2903)$

Conversions

Conversions Part 1

Format	Color
Hex	019FB5
RGB	1, 159, 181
RGB Percent	0%, 62%, 71%
CMY	0.9943, 0.3764, 0.2902
CMYK	0.99, 0.12, 0.00, 0.29
HSL	187°, 98%, 36%
HSV	187°, 99%, 71%
XYZ	20.7576, 28.1454, 48.0498
YIQ	114.2660, -101.2300, -26.6540

Conversions

Conversions Part 2

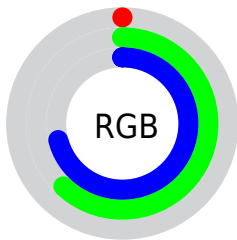
Format	Color
RYB	1, 85, 181
Decimal	106421
CIELab	60.02, -26.57, -21.20
CIElCh	60, 33.989, 218.586
Yxy	28.1454, 0.2141, 0.2903
Android (android.graphics.Color)	4278296501 (0xFF019FB5)
YUV	114.2660, 32.8999, -99.3343
Hunter-Lab	53.0522, -23.0002, -16.5628

Details

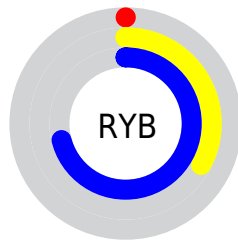
The Yxy color **28.1454, 0.2141, 0.2903** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.4563, 0.6277, 0.3387**, and the grayscale version is **16.8792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6944, 0.2329, 0.2990**, and **12.0739, 0.2104, 0.2776** is the 20% darker color. If you saturate the color by 10%, you get **28.0755, 0.2139, 0.2900**, and if you desaturate by 10%, it is **29.0501, 0.2170, 0.2945**.

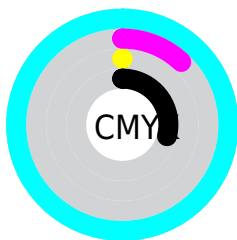
Distribution



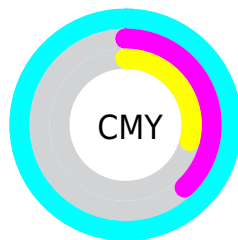
- Red (0%)
- Green (62%)
- Blue (71%)



- Red (0%)
- Yellow (33%)
- Blue (71%)



- Cyan (99%)
- Magenta (12%)
- Yellow (0%)
- Black (29%)



- Cyan (99%)
- Magenta (38%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1454, 0.2141, 0.2903 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 28.1454, 0.2141, 0.2903 by changing the saturation by 10% instead.


 28.1454, 0.2141,
0.2903

 28.1454, 0.2141,
0.2903


 293.1610, 0.2654,
0.3127


 18.4353, 0.2009,
0.2836


 56.7165, 0.2331,
0.2992


 11.2630, 0.1838,
0.2744


 76.3463, 0.2401,
0.3023

 6.2440, 0.1611,
0.2609


 100.0514, 0.2460,
0.3049

 2.9940, 0.1298,
0.2399

 128.2163, 0.2510,
0.3070

 1.1286, 0.0743,
0.2068

 161.2253, 0.2554,
0.3088

 0.0022, 0.0000,
0.0014

 199.4628, 0.2591,

 0.0000, 0.0000,

0.3103

0.0000

243.3133, 0.2624,
0.3116

■ 28.1454, 0.2141,
0.2903

■ 28.1454, 0.2141,
0.2903

■ 28.0755, 0.2139,
0.2900

■ 29.0501, 0.2170,
0.2945

■ 30.0943, 0.2214,
0.2987

■ 31.3190, 0.2277,
0.3030

■ 32.7458, 0.2358,
0.3072

■ 34.3931, 0.2457,
0.3114

■ 36.2769, 0.2572,
0.3154

■ 38.4120, 0.2701,
0.3192

■ 40.8116, 0.2841,
0.3228

■ 43.4882, 0.2988,
0.3262

Harmonies

Analogous

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



28.1454, 0.2363, 0.3440



28.1454, 0.2141, 0.2903



28.1454, 0.2154, 0.2545

Triad

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



28.1454, 0.2141, 0.2903



28.1454, 0.3404, 0.2716



28.1454, 0.3852, 0.4247

Complementary

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



28.1454, 0.2141, 0.2903



10.4563, 0.6277, 0.3387

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.



28.1454, 0.4187, 0.3940



28.1454, 0.2141, 0.2903



28.1454, 0.3931, 0.3085

Square

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



28.1454, 0.2141, 0.2903



28.1454, 0.2838, 0.2474



28.1454, 0.4225, 0.3518



28.1454, 0.3338, 0.4293

Rectangle

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



28.1454, 0.2141, 0.2903



28.1454, 0.2291, 0.2429



28.1454, 0.4225, 0.3518



28.1454, 0.3990, 0.4166

Sweetspot

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



28.1464, 0.2141, 0.2903



68.2751, 0.2684, 0.3187



33.1134, 0.2975, 0.5903



14.4073, 0.2629, 0.3172



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.1464, 0.2141, 0.2903



50.0602, 0.2137, 0.2893



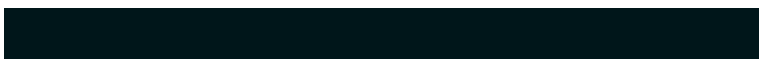
7.7608, 0.1678, 0.1232



9.4505, 0.2986, 0.3261



19.4248, 0.2140, 0.2905



0.6608, 0.2173, 0.3022

Inverse Universe

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



12.3582, 0.3540, 0.1727



22.0446, 0.3550, 0.1729



21.4522, 0.5056, 0.4360



8.6285, 0.3156, 0.3093



8.5011, 0.3539, 0.1723



0.2725, 0.3435, 0.1666

Previews

White Background



This preview shows how the Yxy color 28.1454, 0.2141, 0.2903 looks on a white background.

Color Contrast Check

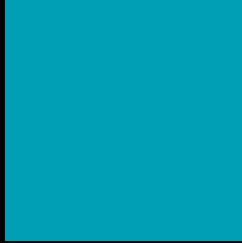
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1454, 0.2141, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

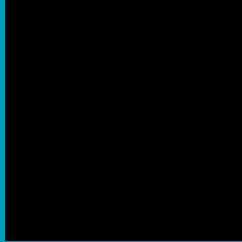
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1454, 0.2141, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 28.1454, 0.2141, 0.2903.



This preview shows how white text looks on a background with the Yxy color 28.1454, 0.2141, 0.2903.

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

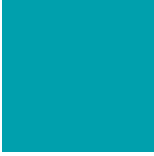
28.1389, 0.2141, 0.2903

Protanopia

27.9505, 0.2827, 0.2867

Deuteranopia

27.7868, 0.2683, 0.2622



Tritanopia

28.1587, 0.2182, 0.3055

Trichromacy



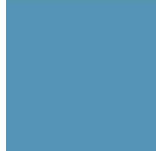
Original Color

28.1389, 0.2141, 0.2903



Protanomaly

26.6256, 0.2409, 0.2862



Deuteranomaly

26.6667, 0.2338, 0.2691



Tritanomaly

28.2827, 0.2169, 0.3004

Monochromacy



Original Color

28.1389, 0.2141, 0.2903



Achromatopsia

16.8269, 0.3127, 0.3290



Achromatomaly

19.2167, 0.2491, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1454, 0.2141, 0.2903 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, 159, 181)` looks like.

```
.text, #text, p{  
    color:rgb(1, 159, 181)  
}
```

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, 159, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 159, 181) }
```

Border

The CSS property to change the border of an element to Yxy 28.1454, 0.2141, 0.2903 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, 159, 181) }
```

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

```
.border{ border-color:rgb(1, 159, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 159, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 159, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 159, 181);  
box-shadow:4px 4px 4px 4px rgb(1, 159,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1454, 0.2141, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 159, 181) }
```

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

```
.background{ background-color: rgb(1, 159,  
181) }
```

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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