

Converting Colors

$Yxy(19.1291, 0.0961, 0.2016)$

Have a look what the booklet for
Yxy(19.1291, 0.0961, 0.2016)
contains.

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Color

Yxy(26.0348, 0.1956, 0.2240)

Conversions

Conversions Part 1

Format	Color
Hex	0194D6
RGB	1, 148, 214
RGB Percent	0%, 58%, 84%
CMY	0.9979, 0.4197, 0.1607
CMYK	1.00, 0.31, 0.00, 0.16
HSL	199°, 99%, 42%
HSV	199°, 100%, 84%
XYZ	22.7340, 26.0348, 67.4580
YIQ	111.5710, -108.7980, -10.6380

Conversions

Conversions Part 2

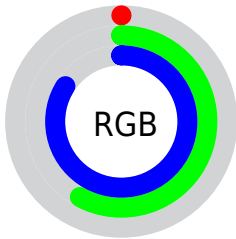
Format	Color
R _Y B	1, 88, 214
Decimal	103638
CIE Lab	58.07, -8.90, -42.79
CIE LCh	58, 43.707, 258.256
Yxy	26.0348, 0.1956, 0.2240
Android (android.graphics.Color)	4278293718 (0xFF0194D6)
YUV	111.5710, 50.4975, -96.9708
Hunter-Lab	51.0243, -9.7616, -42.6689

Details

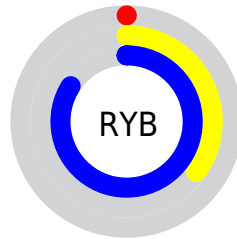
The Yxy color **26.0348, 0.1956, 0.2240** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **18.2639, 0.5949, 0.3656**, and the grayscale version is **15.9014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2858, 0.2241, 0.2624**, and **11.2386, 0.1888, 0.1997** is the 20% darker color. If you saturate the color by 10%, you get **25.9798, 0.1955, 0.2237**, and if you desaturate by 10%, it is **28.3384, 0.2006, 0.2356**.

Distribution



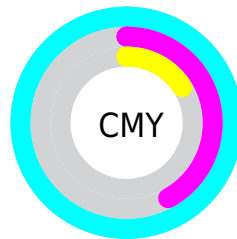
- Red (0%)
- Green (58%)
- Blue (84%)



- Red (0%)
- Yellow (35%)
- Blue (84%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0348, 0.1956, 0.2240 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 26.0348, 0.1956, 0.2240 by changing the saturation by 10% instead.

■ 26.0348, 0.1956,
0.2240

■ 26.0348, 0.1956,
0.2240

■ 282.9529, 0.2558,
0.2796

■ 16.8497, 0.1806,
0.2097

■ 53.3311, 0.2176,
0.2447

■ 10.1274, 0.1618,
0.1913

■ 72.2110, 0.2258,
0.2523

■ 5.4835, 0.1376,
0.1672

■ 95.0914, 0.2328,
0.2587

■ 2.5336, 0.1063,
0.1349

■ 122.3565, 0.2388,
0.2642

■ 0.8934, 0.0653,
0.0923

■ 154.3908, 0.2439,
0.2688

■ 0.0000, 0.0000,
0.0000

191.5787, 0.2484,

0.2729

234.3046, 0.2524,
0.2765

■ 26.0348, 0.1956,
0.2240

■ 26.0348, 0.1956,
0.2240

■ 25.9798, 0.1955,
0.2237

■ 28.3384, 0.2006,
0.2356

■ 30.9466, 0.2073,
0.2473

■ 33.9203, 0.2160,
0.2592

■ 37.2947, 0.2267,
0.2708

■ 41.0994, 0.2390,
0.2822

■ 45.3610, 0.2526,
0.2930

■ 50.1032, 0.2672,
0.3032

■ 55.3478, 0.2823,
0.3127

■ 61.1152, 0.2977,
0.3214

Harmonies

Analogous

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



26.0348, 0.1845, 0.2586



26.0348, 0.1956, 0.2240



26.0348, 0.2338, 0.2169

Triad

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



26.0348, 0.1956, 0.2240



26.0348, 0.4359, 0.3178



26.0348, 0.3143, 0.4568

Complementary

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



26.0348, 0.1956, 0.2240



18.2639, 0.5949, 0.3656

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.



26.0348, 0.3844, 0.4612



26.0348, 0.1956, 0.2240



26.0348, 0.4600, 0.3725

Square

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



26.0348, 0.1956, 0.2240



26.0348, 0.3727, 0.2689



26.0348, 0.4388, 0.4251



26.0348, 0.2475, 0.4010

Rectangle

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



26.0348, 0.1956, 0.2240



26.0348, 0.2734, 0.2254



26.0348, 0.4388, 0.4251



26.0348, 0.3382, 0.4642

Sweetspot

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



26.0356, 0.1956, 0.2240



74.0853, 0.2664, 0.3027



48.4835, 0.2891, 0.5607



15.1992, 0.2601, 0.2984



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.



26.0356, 0.1956, 0.2240



38.3200, 0.1952, 0.2226



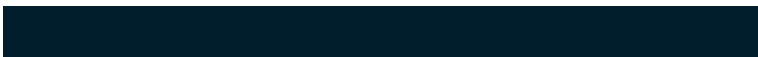
6.6045, 0.1553, 0.0788



13.4295, 0.2982, 0.3216



15.8924, 0.1960, 0.2254



1.1026, 0.2015, 0.2454

Inverse Universe

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



16.4486, 0.4189, 0.2083



24.3996, 0.4205, 0.2090



43.5486, 0.4600, 0.4728



12.5642, 0.3185, 0.3130



9.9492, 0.4175, 0.2073



0.6146, 0.3968, 0.1960

Previews

White Background



This preview shows how the Yxy color 26.0348, 0.1956, 0.2240 looks on a white background.

Color Contrast Check

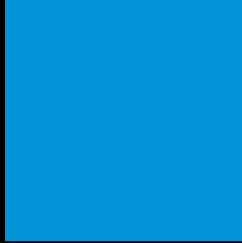
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0348, 0.1956, 0.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

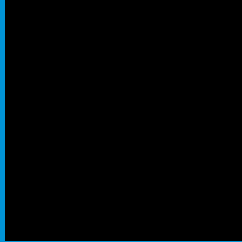
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0348, 0.1956, 0.2240

Background



This preview shows how black text looks on a background with the Yxy color 26.0348, 0.1956, 0.2240.

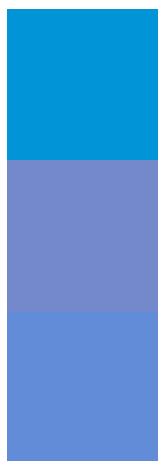


This preview shows how white text looks on a background with the Yxy color 26.0348, 0.1956, 0.2240.

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

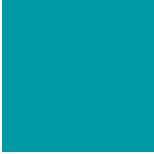
26.0413, 0.1957, 0.2241

Protanopia

25.9640, 0.2378, 0.2283

Deuteranopia

26.0198, 0.2199, 0.2146



Tritanopia

25.8644, 0.2185, 0.3065

Trichromacy



Original Color

26.0413, 0.1957, 0.2241

Protanomaly

25.0597, 0.2118, 0.2236

Deuteranomaly

25.3091, 0.2047, 0.2159

Tritanomaly

25.8754, 0.2095, 0.2741

Monochromacy



Original Color

26.0413, 0.1957, 0.2241

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

17.8930, 0.2378, 0.2808

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0348, 0.1956, 0.2240 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, 148, 214)` looks like.

```
.text, #text, p{  
    color:rgb(1, 148, 214)  
}
```

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, 148, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 148, 214) }
```

Border

The CSS property to change the border of an element to Yxy 26.0348, 0.1956, 0.2240 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, 148, 214) }
```

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

```
.border{ border-color:rgb(1, 148, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 148, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 148, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 148, 214);  
box-shadow:4px 4px 4px 4px rgb(1, 148,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0348, 0.1956, 0.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 148, 214) }
```

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

```
.background{ background-color: rgb(1, 148,  
214) }
```

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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