

Converting Colors

$Y_{xy}(25.7349, 0.2003, 0.2616)$

Have a look what the booklet for
Yxy(25.7349, 0.2003, 0.2616)
contains.

Yxy(26.2181, 0.2061, 0.2619)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.2181, 0.2061, 0.2619)

Conversions

Conversions Part 1

Format	Color
Hex	0098BF
RGB	0, 152, 191
RGB Percent	0%, 60%, 75%
CMY	0.9995, 0.4039, 0.2510
CMYK	1.00, 0.20, 0.00, 0.25
HSL	192°, 100%, 37%
HSV	192°, 100%, 75%
XYZ	20.6321, 26.2181, 53.2571
YIQ	110.9980, -103.1110, -20.0950

Conversions

Conversions Part 2

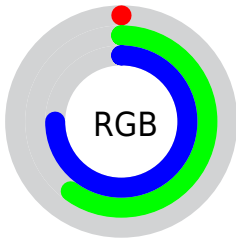
Format	Color
RYB	0, 85, 191
Decimal	39103
CIELab	58.24, -19.52, -29.57
CIELCh	58, 35.435, 236.575
Yxy	26.2181, 0.2061, 0.2619
Android (android.graphics.Color)	4278229183 (0xFF0098BF)
YUV	110.9980, 39.4410, -97.3452
Hunter-Lab	51.2036, -17.6811, -25.8252

Details

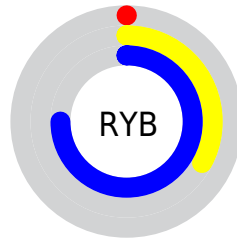
The Yxy color **26.2181, 0.2061, 0.2619** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **12.5343, 0.6170, 0.3482**, and the grayscale version is **15.8136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4613, 0.2263, 0.2753**, and **11.1135, 0.2010, 0.2437** is the 20% darker color. If you saturate the color by 10%, you get **26.2095, 0.2061, 0.2619**, and if you desaturate by 10%, it is **27.6464, 0.2099, 0.2692**.

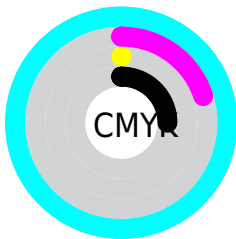
Distribution



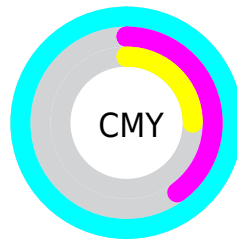
- Red (0%)
- Green (60%)
- Blue (75%)



- Red (0%)
- Yellow (33%)
- Blue (75%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2181, 0.2061, 0.2619 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 26.2181, 0.2061, 0.2619 by changing the saturation by 10% instead.

26.2181, 0.2061,
0.2619

26.2181, 0.2061,
0.2619

283.8511, 0.2616,
0.2993

16.9869, 0.1919,
0.2514

53.6266, 0.2266,
0.2764

10.2251, 0.1736,
0.2373

72.5726, 0.2342,
0.2816

5.5485, 0.1495,
0.2175

95.5257, 0.2406,
0.2858

2.5725, 0.1171,
0.1886

122.8703, 0.2461,
0.2894

0.9129, 0.0625,
0.1460

154.9907, 0.2508,
0.2925

0.0000, 0.0000,
0.0000

192.2714, 0.2549,

0.2951

235.0967, 0.2584,
0.2973

■ 26.2181, 0.2061,
0.2619

■ 26.2181, 0.2061,
0.2619

■ 26.2095, 0.2061,
0.2619

■ 27.6464, 0.2099,
0.2692

■ 29.2534, 0.2152,
0.2767

■ 31.0895, 0.2224,
0.2841

■ 33.1800, 0.2315,
0.2915

■ 35.5463, 0.2424,
0.2987

■ 38.2075, 0.2547,
0.3056

■ 41.1806, 0.2682,
0.3121

■ 44.4812, 0.2826,
0.3182

■ 48.1239, 0.2976,
0.3239

Harmonies

Analogous

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



26.2181, 0.2145, 0.3086



26.2181, 0.2061, 0.2619



26.2181, 0.2221, 0.2383

Triad

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



26.2181, 0.2061, 0.2619



26.2181, 0.3778, 0.2902



26.2181, 0.3580, 0.4386

Complementary

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



26.2181, 0.2061, 0.2619



12.5343, 0.6170, 0.3482

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.



26.2181, 0.4070, 0.4198



26.2181, 0.2061, 0.2619



26.2181, 0.4214, 0.3340

Square

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



26.2181, 0.2061, 0.2619



26.2181, 0.3172, 0.2560



26.2181, 0.4316, 0.3802



26.2181, 0.2994, 0.4213

Rectangle

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



26.2181, 0.2061, 0.2619



26.2181, 0.2456, 0.2353



26.2181, 0.4316, 0.3802



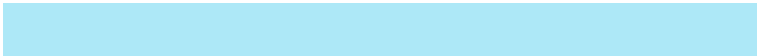
26.2181, 0.3761, 0.4357

Sweetspot

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



26.2190, 0.2061, 0.2619



73.4589, 0.2675, 0.3118



37.4000, 0.2945, 0.5802



15.6193, 0.2616, 0.3090



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



26.2190, 0.2061, 0.2619



46.5886, 0.2058, 0.2607



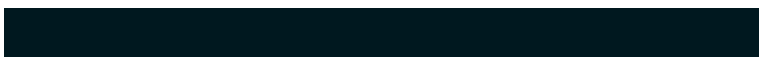
6.7268, 0.1610, 0.0995



10.4695, 0.2985, 0.3242



17.3436, 0.2064, 0.2629



0.7646, 0.2112, 0.2804

Inverse Universe

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



13.3450, 0.3806, 0.1870



23.8609, 0.3817, 0.1876



28.0517, 0.4845, 0.4535



9.6620, 0.3168, 0.3109



8.7805, 0.3796, 0.1865



0.3525, 0.3631, 0.1774

Previews

White Background



This preview shows how the Yxy color 26.2181, 0.2061, 0.2619 looks on a white background.

Color Contrast Check

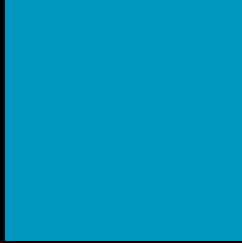
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2181, 0.2061, 0.2619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

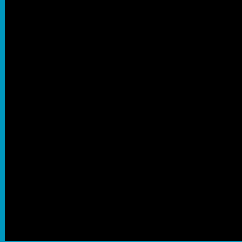
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2181, 0.2061, 0.2619

Background



This preview shows how black text looks on a background with the Yxy color 26.2181, 0.2061, 0.2619.

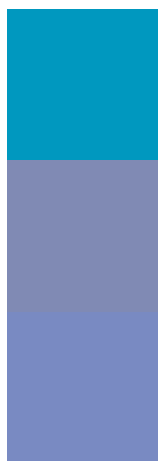


This preview shows how white text looks on a background with the Yxy color 26.2181, 0.2061, 0.2619.

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

26.2181, 0.2061, 0.2619

Protanopia

26.0614, 0.2646, 0.2629

Deuteranopia

26.1369, 0.2484, 0.2431



Tritanopia

26.2327, 0.2185, 0.3066

Trichromacy



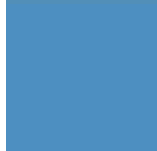
Original Color

26.2181, 0.2061, 0.2619



Protanomaly

24.8995, 0.2290, 0.2598



Deuteranomaly

25.0730, 0.2214, 0.2466



Tritanomaly

26.2458, 0.2137, 0.2892

Monochromacy



Original Color

26.2181, 0.2061, 0.2619



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

18.1548, 0.2446, 0.3002

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2181, 0.2061, 0.2619 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(0, 152, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 191)  
}
```

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(0, 152, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 191) }
```

Border

The CSS property to change the border of an element to Yxy 26.2181, 0.2061, 0.2619 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(0, 152, 191) }
```

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

```
.border{ border-color:rgb(0, 152, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2181, 0.2061, 0.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 191) }
```

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

```
.background{ background-color: rgb(0, 152,  
191) }
```

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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