

Converting Colors

$Yxy(26.3072, 0.1938, 0.2178)$

Have a look what the booklet for
Yxy(26.3072, 0.1938, 0.2178)
contains.

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Color

Yxy(26.2943, 0.1939, 0.2182)

Conversions

Conversions Part 1

Format	Color
Hex	0094DB
RGB	0, 148, 219
RGB Percent	0%, 58%, 86%
CMY	1.0000, 0.4195, 0.1413
CMYK	1.00, 0.32, 0.00, 0.14
HSL	199°, 100%, 43%
HSV	199°, 100%, 86%
XYZ	23.3660, 26.2943, 70.8452
YIQ	111.8420, -110.9990, -9.2950

Conversions

Conversions Part 2

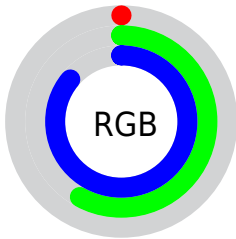
Format	Color
R _{YB}	0, 88, 219
Decimal	38107
CIE _{Lab}	58.32, -7.10, -45.18
CIE _{LCh}	58, 45.731, 261.065
Y _{xy}	26.2943, 0.1939, 0.2182
Android (android.graphics.Color)	4278228187 (0xFF0094DB)
YUV	111.8420, 52.8289, -98.0854
Hunter-Lab	51.2780, -8.3987, -46.0200

Details

The Yxy color **26.2943, 0.1939, 0.2182** 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 **19.5572, 0.5921, 0.3681**, and the grayscale version is **16.0247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3446, 0.2244, 0.2624**, and **11.4157, 0.1869, 0.1927** is the 20% darker color. If you saturate the color by 10%, you get **26.3001, 0.1940, 0.2182**, and if you desaturate by 10%, it is **28.7646, 0.1990, 0.2304**.

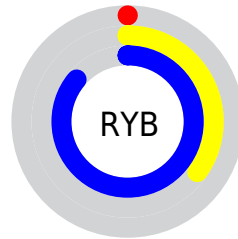
Distribution



Red (0%)

Green (58%)

Blue (86%)



Red (0%)

Yellow (35%)

Blue (86%)

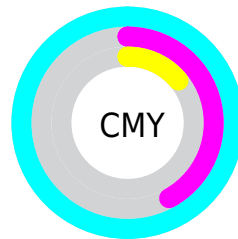


Cyan (100%)

Magenta (32%)

Yellow (0%)

Black (14%)



Cyan (100%)

Magenta (42%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2943, 0.1939, 0.2182 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 26.2943, 0.1939, 0.2182 by changing the saturation by 10% instead.

■ 26.2943, 0.1939,
0.2182

■ 26.2943, 0.1939,
0.2182

■ 284.2238, 0.2548,
0.2763

■ 17.0439, 0.1789,
0.2035

■ 53.7493, 0.2160,
0.2396

■ 10.2658, 0.1601,
0.1847

■ 72.7228, 0.2244,
0.2476

■ 5.5756, 0.1360,
0.1604

■ 95.7061, 0.2314,
0.2543

■ 2.5888, 0.1052,
0.1283

■ 123.0836, 0.2374,
0.2600

■ 0.9210, 0.0661,
0.0868

■ 155.2398, 0.2427,
0.2649

■ 0.0000, 0.0000,
0.0000

192.5589, 0.2472,

0.2692

235.4255, 0.2512,
0.2730

■ 26.2943, 0.1939,
0.2182

■ 26.2943, 0.1939,
0.2182

■ 26.3001, 0.1940,
0.2182

■ 28.7646, 0.1990,
0.2304

■ 31.5601, 0.2059,
0.2427

■ 34.7518, 0.2148,
0.2552

■ 38.3775, 0.2257,
0.2675

■ 42.4690, 0.2382,
0.2795

■ 47.0547, 0.2519,
0.2909

■ 52.1601, 0.2666,
0.3017

■ 57.8086, 0.2819,
0.3116

■ 64.0220, 0.2973,
0.3208

Harmonies

Analogous

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



26.2943, 0.1798, 0.2508



26.2943, 0.1939, 0.2182



26.2943, 0.2358, 0.2135

Triad

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



26.2943, 0.1939, 0.2182



26.2943, 0.4456, 0.3221



26.2943, 0.3069, 0.4596

Complementary

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



26.2943, 0.1939, 0.2182



19.5572, 0.5921, 0.3681

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.



26.2943, 0.3802, 0.4685



26.2943, 0.1939, 0.2182



26.2943, 0.4658, 0.3787

Square

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



26.2943, 0.1939, 0.2182



26.2943, 0.3824, 0.2708



26.2943, 0.4393, 0.4328



26.2943, 0.2390, 0.3968

Rectangle

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



26.2943, 0.1939, 0.2182



26.2943, 0.2783, 0.2237



26.2943, 0.4393, 0.4328



26.2943, 0.3317, 0.4689

Sweetspot

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



26.3001, 0.1940, 0.2182



73.4558, 0.2662, 0.3014



51.0850, 0.2882, 0.5574



15.0485, 0.2599, 0.2969



0.0000, 0.0000, 0.0000



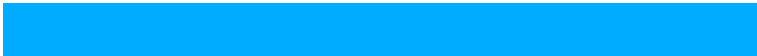
21.4041, 0.3127, 0.3290

Same Dimension

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



26.3001, 0.1940, 0.2182



36.8671, 0.1937, 0.2172



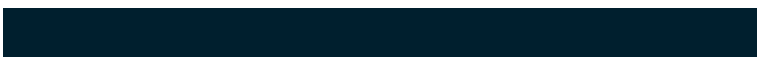
6.6407, 0.1544, 0.0757



14.0812, 0.2982, 0.3212



15.8050, 0.1945, 0.2200



1.1779, 0.2000, 0.2399

Inverse Universe

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



17.1953, 0.4252, 0.2116



24.2529, 0.4262, 0.2122



47.2291, 0.4563, 0.4759



13.1993, 0.3187, 0.3133



10.2193, 0.4232, 0.2105



0.6776, 0.4024, 0.1990

Previews

White Background



This preview shows how the Yxy color 26.2943, 0.1939, 0.2182 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 26.2943, 0.1939, 0.2182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

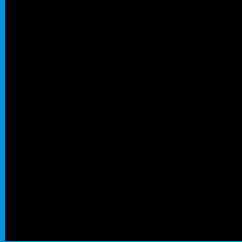
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2943, 0.1939, 0.2182

Background



This preview shows how black text looks on a background with the Yxy color 26.2943, 0.1939, 0.2182.



This preview shows how white text looks on a background with the Yxy color 26.2943, 0.1939, 0.2182.

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

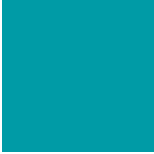
26.2943, 0.1939, 0.2182

Protanopia

26.1219, 0.2328, 0.2210

Deuteranopia

26.3563, 0.2156, 0.2101



Tritanopia

26.1959, 0.2190, 0.3084

Trichromacy



Original Color

26.2943, 0.1939, 0.2182



Protanomaly

25.2703, 0.2092, 0.2177



Deuteranomaly

25.7729, 0.2021, 0.2117



Tritanomaly

25.9593, 0.2086, 0.2710

Monochromacy



Original Color

26.2943, 0.1939, 0.2182



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

18.2412, 0.2361, 0.2775

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2943, 0.1939, 0.2182 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, 148, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 219)  
}
```

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, 148, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 219) }
```

Border

The CSS property to change the border of an element to Yxy 26.2943, 0.1939, 0.2182 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, 148, 219) }
```

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

```
.border{ border-color:rgb(0, 148, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 148, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2943, 0.1939, 0.2182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 219) }
```

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

```
.background{ background-color: rgb(0, 148,  
219) }
```

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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