

Converting Colors

$Yxy(23.2496, 0.1540, 0.2128)$

Have a look what the booklet for
Yxy(23.2496, 0.1540, 0.2128)
contains.

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Color

Yxy(26.5046, 0.1951, 0.2221)

Conversions

Conversions Part 1

Format	Color
Hex	0195D9
RGB	1, 149, 217
RGB Percent	0%, 58%, 85%
CMY	0.9962, 0.4158, 0.1489
CMYK	1.00, 0.31, 0.00, 0.15
HSL	199°, 99%, 43%
HSV	199°, 100%, 85%
XYZ	23.2825, 26.5046, 69.5492
YIQ	112.5000, -110.0360, -10.2280

Conversions

Conversions Part 2

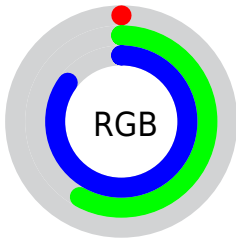
Format	Color
R _Y B	1, 89, 217
Decimal	103897
CIE Lab	58.51, -8.33, -43.77
CIE LCh	59, 44.557, 259.228
Yxy	26.5046, 0.1951, 0.2221
Android (android.graphics.Color)	4278293977 (0xFF0195D9)
YUV	112.5000, 51.5185, -97.7855
Hunter-Lab	51.4826, -9.3697, -44.0586

Details

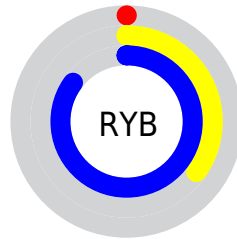
The Yxy color **26.5046, 0.1951, 0.2221** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **19.0143, 0.5932, 0.3667**, and the grayscale version is **16.2212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8154, 0.2247, 0.2638**, and **11.5323, 0.1882, 0.1977** is the 20% darker color. If you saturate the color by 10%, you get **26.4034, 0.1949, 0.2216**, and if you desaturate by 10%, it is **28.9037, 0.2001, 0.2339**.

Distribution



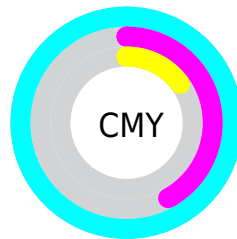
- Red (0%)
- Green (58%)
- Blue (85%)



- Red (0%)
- Yellow (35%)
- Blue (85%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5046, 0.1951, 0.2221 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 26.5046, 0.1951, 0.2221 by changing the saturation by 10% instead.

■ 26.5046, 0.1951,
0.2221

■ 26.5046, 0.1951,
0.2221

■ 285.2504, 0.2554,
0.2784

■ 17.2015, 0.1802,
0.2077

■ 54.0879, 0.2170,
0.2429

■ 10.3783, 0.1615,
0.1893

■ 73.1369, 0.2253,
0.2507

■ 5.6505, 0.1376,
0.1653

■ 96.2033, 0.2323,
0.2572

■ 2.6337, 0.1067,
0.1335

■ 123.6715, 0.2382,
0.2627

■ 0.9437, 0.0672,
0.0916

■ 155.9259, 0.2434,
0.2674

■ 0.0000, 0.0000,
0.0000

193.3509, 0.2479,

0.2716

236.3310, 0.2519,
0.2752

■ 26.5046, 0.1951,
0.2221

■ 26.5046, 0.1951,
0.2221

■ 26.4034, 0.1949,
0.2216

■ 28.9037, 0.2001,
0.2339

■ 31.6243, 0.2070,
0.2459

■ 34.7276, 0.2158,
0.2580

■ 38.2500, 0.2266,
0.2699

■ 42.2222, 0.2390,
0.2815

■ 46.6716, 0.2528,
0.2925

■ 51.6230, 0.2674,
0.3029

■ 57.0990, 0.2826,
0.3126

■ 63.1207, 0.2980,
0.3214

Harmonies

Analogous

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



26.5046, 0.1830, 0.2560



26.5046, 0.1951, 0.2221



26.5046, 0.2345, 0.2158

Triad

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



26.5046, 0.1951, 0.2221



26.5046, 0.4391, 0.3193



26.5046, 0.3118, 0.4576

Complementary

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



26.5046, 0.1951, 0.2221



19.0143, 0.5932, 0.3667

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.



26.5046, 0.3829, 0.4636



26.5046, 0.1951, 0.2221



26.5046, 0.4619, 0.3746

Square

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



26.5046, 0.1951, 0.2221



26.5046, 0.3760, 0.2696



26.5046, 0.4389, 0.4277



26.5046, 0.2447, 0.3995

Rectangle

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



26.5046, 0.1951, 0.2221



26.5046, 0.2751, 0.2249



26.5046, 0.4389, 0.4277



26.5046, 0.3360, 0.4657

Sweetspot

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



26.5055, 0.1951, 0.2221



73.8446, 0.2663, 0.3022



50.0343, 0.2891, 0.5605



15.1416, 0.2600, 0.2979



0.0000, 0.0000, 0.0000



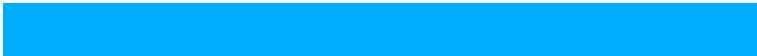
21.4041, 0.3127, 0.3290

Same Dimension

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



26.5055, 0.1951, 0.2221



37.7607, 0.1946, 0.2205



6.8315, 0.1554, 0.0789



14.1018, 0.2982, 0.3215



16.1767, 0.1954, 0.2233



1.1998, 0.2007, 0.2426

Inverse Universe

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



16.9453, 0.4209, 0.2095



24.3431, 0.4227, 0.2102



44.9562, 0.4599, 0.4728



13.2014, 0.3186, 0.3131



10.2568, 0.4197, 0.2086



0.6798, 0.3997, 0.1975

Previews

White Background



This preview shows how the Yxy color 26.5046, 0.1951, 0.2221 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 26.5046, 0.1951, 0.2221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

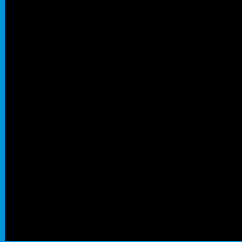
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5046, 0.1951, 0.2221

Background



This preview shows how black text looks on a background with the Yxy color 26.5046, 0.1951, 0.2221.

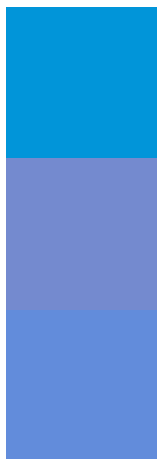


This preview shows how white text looks on a background with the Yxy color 26.5046, 0.1951, 0.2221.

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

26.5111, 0.1951, 0.2222

Protanopia

26.3950, 0.2363, 0.2263

Deuteranopia

26.4673, 0.2187, 0.2128



Tritanopia

26.5670, 0.2190, 0.3085

Trichromacy



Original Color

26.5111, 0.1951, 0.2222



Protanomaly

25.5050, 0.2109, 0.2217



Deuteranomaly

25.7636, 0.2039, 0.2142



Tritanomaly

26.2852, 0.2091, 0.2728

Monochromacy



Original Color

26.5111, 0.1951, 0.2222



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

18.2470, 0.2375, 0.2794

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5046, 0.1951, 0.2221 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, 149, 217)` looks like.

```
.text, #text, p{  
    color:rgb(1, 149, 217)  
}
```

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, 149, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 149, 217) }
```

Border

The CSS property to change the border of an element to Yxy 26.5046, 0.1951, 0.2221 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, 149, 217) }
```

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

```
.border{ border-color:rgb(1, 149, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 149, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 149, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 149, 217);  
box-shadow:4px 4px 4px 4px rgb(1, 149,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5046, 0.1951, 0.2221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 149, 217) }
```

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

```
.background{ background-color: rgb(1, 149,  
217) }
```

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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