

Converting Colors

$Y_{xy}(25.7919, 0.1905, 0.1990)$

Have a look what the booklet for
Yxy(25.7919, 0.1905, 0.1990)
contains.

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Color

$Y_{xy}(25.9102, 0.1906, 0.1993)$

Conversions

Conversions Part 1

Format	Color
Hex	1890E7
RGB	24, 144, 231
RGB Percent	9%, 56%, 91%
CMY	0.9052, 0.4353, 0.0940
CMYK	0.90, 0.38, 0.00, 0.09
HSL	205°, 81%, 50%
HSV	205°, 90%, 91%
XYZ	24.7791, 25.9102, 79.3167
YIQ	118.0380, -99.4470, 1.6170

Conversions

Conversions Part 2

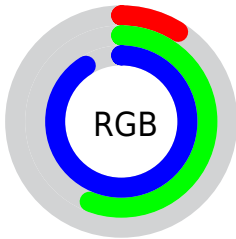
Format	Color
R_{YB}	24, 100, 231
Decimal	1609959
CIE Lab	57.95, 0.66, -52.45
CIE LCh	58, 52.457, 270.716
Yxy	25.9102, 0.1906, 0.1993
Android (android.graphics.Color)	4279800039 (0xFF1890E7)
YUV	118.0380, 55.6903, -82.4713
Hunter-Lab	50.9021, -2.1847, -56.7555

Details

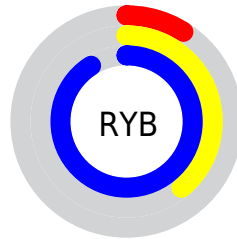
The Yxy color **25.9102, 0.1906, 0.1993** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **28.4730, 0.5422, 0.3975**, and the grayscale version is **17.9904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5320, 0.2261, 0.2564**, and **11.1006, 0.1808, 0.1710** is the 20% darker color. If you saturate the color by 10%, you get **22.9030, 0.1844, 0.1836**, and if you desaturate by 10%, it is **29.3977, 0.1989, 0.2155**.

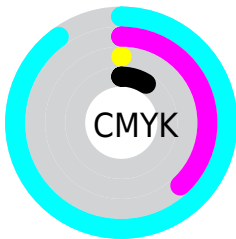
Distribution



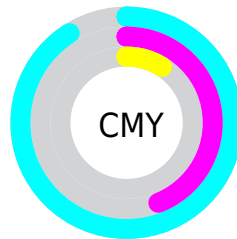
- Red (9%)
- Green (56%)
- Blue (91%)



- Red (9%)
- Yellow (39%)
- Blue (91%)



- Cyan (90%)
- Magenta (38%)
- Yellow (0%)
- Black (9%)





- Cyan (91%)
- Magenta (44%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9102, 0.1906, 0.1993 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 25.9102, 0.1906, 0.1993 by changing the saturation by 10% instead.


 25.9102, 0.1906,
0.1993


 25.9102, 0.1906,
0.1993


282.3410, 0.2530,
0.2654

 16.7565, 0.1754,
0.1833

 53.1300, 0.2131,
0.2232

 10.0610, 0.1565,
0.1633


 71.9649, 0.2217,
0.2322

 5.4394, 0.1327,
0.1382

 94.7957, 0.2289,
0.2399

 2.5073, 0.1026,
0.1066

 122.0067, 0.2351,
0.2465

 0.8803, 0.0659,
0.0680

 153.9823, 0.2405,
0.2522

 0.0000, 0.0000,
0.0000

191.1070, 0.2452,

0.2571

233.7651, 0.2493,
0.2615

■ 25.9102, 0.1906,
0.1993

■ 25.9102, 0.1906,
0.1993

■ 22.9030, 0.1844,
0.1836

■ 29.3977, 0.1989,
0.2155

■ 22.7727, 0.1841,
0.1829

■ 33.4348, 0.2093,
0.2321

■ 38.0684, 0.2217,
0.2485

■ 43.3379, 0.2356,
0.2644

■ 49.2787, 0.2506,
0.2796

■ 55.9226, 0.2663,
0.2938

■ 63.2993, 0.2822,
0.3069

■ 71.4363, 0.2980,
0.3188

■ 80.3594, 0.3134,
0.3295

Harmonies

Analogous

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



25.9102, 0.1653, 0.2237



25.9102, 0.1906, 0.1993



25.9102, 0.2465, 0.2036

Triad

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



25.9102, 0.1906, 0.1993



25.9102, 0.4792, 0.3390



25.9102, 0.2775, 0.4647

Complementary

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



25.9102, 0.1906, 0.1993



28.4730, 0.5422, 0.3975

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.



25.9102, 0.3608, 0.4940



25.9102, 0.1906, 0.1993



25.9102, 0.4823, 0.4023

Square

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



25.9102, 0.1906, 0.1993



25.9102, 0.4201, 0.2799



25.9102, 0.4360, 0.4615



25.9102, 0.2084, 0.3759

Rectangle

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



25.9102, 0.1906, 0.1993



25.9102, 0.2998, 0.2201



25.9102, 0.4360, 0.4615



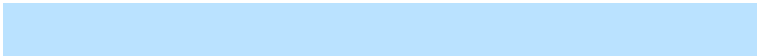
25.9102, 0.3048, 0.4826

Sweetspot

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



25.9110, 0.1906, 0.1993



72.0878, 0.2701, 0.2970



58.4973, 0.2771, 0.5097



14.7812, 0.2646, 0.2924



0.0000, 0.0000, 0.0000



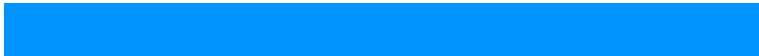
21.4041, 0.3127, 0.3290

Same Dimension

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



25.9110, 0.1906, 0.1993



28.3089, 0.1839, 0.1821



7.5811, 0.1570, 0.0762



15.2669, 0.2981, 0.3189



13.0141, 0.1848, 0.1854



1.1445, 0.1912, 0.2084

Inverse Universe

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



19.6670, 0.4449, 0.2283



23.3889, 0.4661, 0.2341



65.0468, 0.4308, 0.4906



14.5073, 0.3202, 0.3155



10.5115, 0.4622, 0.2320



0.7952, 0.4359, 0.2175

Previews

White Background



This preview shows how the Yxy color 25.9102, 0.1906, 0.1993 looks on a white background.

Color Contrast Check

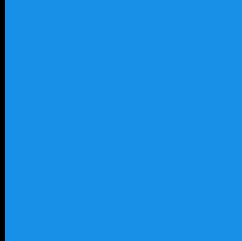
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9102, 0.1906, 0.1993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

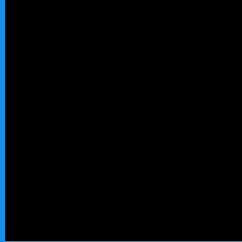
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

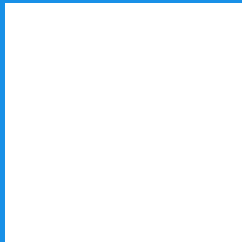
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9102, 0.1906, 0.1993

Background



This preview shows how black text looks on a background with the Yxy color 25.9102, 0.1906, 0.1993.



This preview shows how white text looks on a background with the Yxy color 25.9102, 0.1906, 0.1993.

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

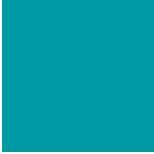
25.9102, 0.1906, 0.1993

Protanopia

25.5987, 0.2188, 0.2022

Deuteranopia

25.7473, 0.2013, 0.1946



Tritanopia

25.8278, 0.2190, 0.3082

Trichromacy



Original Color

25.9102, 0.1906, 0.1993

Protanomaly

25.1638, 0.2036, 0.1992

Deuteranomaly

25.7167, 0.1958, 0.1957

Tritanomaly

25.5449, 0.2067, 0.2613

Monochromacy



Original Color

25.9102, 0.1906, 0.1993

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

19.5668, 0.2407, 0.2690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9102, 0.1906, 0.1993 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(24, 144, 231)` looks like.

```
.text, #text, p{  
    color:rgb(24, 144, 231)  
}
```

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(24, 144, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 144, 231) }
```

Border

The CSS property to change the border of an element to Yxy 25.9102, 0.1906, 0.1993 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(24, 144, 231) }
```

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

```
.border{ border-color:rgb(24, 144, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 144, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 144, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 144, 231);  
box-shadow:4px 4px 4px 4px rgb(24, 144,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9102, 0.1906, 0.1993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 144, 231) }
```

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

```
.background{ background-color: rgb(24, 144,  
231) }
```

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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