

Converting Colors

$Yxy(27.0288, 0.1922, 0.1835)$

Have a look what the booklet for
Yxy(27.0288, 0.1922, 0.1835)
contains.

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Color

Yxy(26.9912, 0.1923, 0.1836)

Conversions

Conversions Part 1

Format	Color
Hex	3B8EF7
RGB	59, 142, 247
RGB Percent	23%, 56%, 97%
CMY	0.7686, 0.4432, 0.0312
CMYK	0.76, 0.43, 0.00, 0.03
HSL	214°, 92%, 60%
HSV	214°, 76%, 97%
XYZ	28.2702, 26.9912, 91.7495
YIQ	129.1530, -83.1730, 15.0590

Conversions

Conversions Part 2

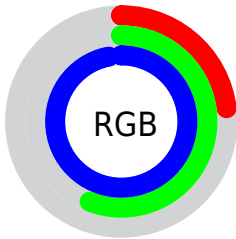
Format	Color
R_{YB}	59, 117, 247
Decimal	3903223
CIE _{Lab}	58.97, 10.63, -59.65
CIE _{LCh}	59, 60.593, 280.103
Yxy	26.9912, 0.1923, 0.1836
Android (android.graphics.Color)	4282093303 (0xFF3B8EF7)
YUV	129.1530, 58.0986, -61.5242
Hunter-Lab	51.9531, 6.2127, -68.3395

Details

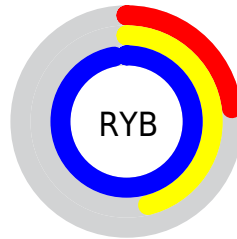
The Yxy color **26.9912, 0.1923, 0.1836** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **46.6710, 0.4790, 0.4262**, and the grayscale version is **21.8254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0755, 0.2346, 0.2554**, and **11.5464, 0.1761, 0.1539** is the 20% darker color. If you saturate the color by 10%, you get **22.5515, 0.1816, 0.1625**, and if you desaturate by 10%, it is **32.2978, 0.2054, 0.2055**.

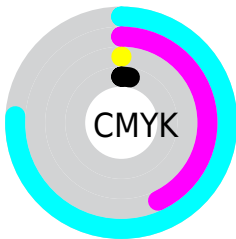
Distribution



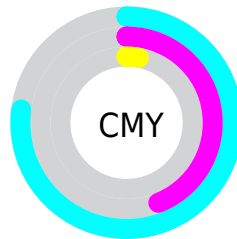
- Red (23%)
- Green (56%)
- Blue (97%)



- Red (23%)
- Yellow (46%)
- Blue (97%)



- Cyan (76%)
- Magenta (43%)
- Yellow (0%)
- Black (3%)




- Cyan (77%)
- Magenta (44%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9912, 0.1923, 0.1836 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 26.9912, 0.1923, 0.1836 by changing the saturation by 10% instead.


 26.9912, 0.1923,
0.1836


 26.9912, 0.1923,
0.1836


287.6145, 0.2534,
0.2550


 17.5666, 0.1777,
0.1672


 54.8697, 0.2142,
0.2087


 10.6393, 0.1596,
0.1472


 74.0925, 0.2226,
0.2184

 5.8248, 0.1369,
0.1227


 97.3501, 0.2297,
0.2267

 2.7389, 0.1086,
0.0931

 125.0269, 0.2358,
0.2339

 0.9970, 0.0740,
0.0587

157.5074, 0.2411,
0.2402

 0.0000, 0.0174,
0.0000

195.1759, 0.2457,

 0.0000, 0.0000,

0.2458

0.0000

238.4168, 0.2498,
0.2506

■ 26.9912, 0.1923,
0.1836

■ 26.9912, 0.1923,
0.1836

■ 22.5515, 0.1816,
0.1625

■ 32.2978, 0.2054,
0.2055

■ 18.9025, 0.1736,
0.1428

■ 38.5310, 0.2204,
0.2275

■ 17.6603, 0.1710,
0.1356

■ 45.7463, 0.2367,
0.2489

■ 53.9934, 0.2536,
0.2691

■ 63.3178, 0.2706,
0.2879

■ 73.7623, 0.2872,
0.3050

■ 85.3667, 0.3033,
0.3204

■ 97.8554, 0.3175,
0.3342

■ 99.4980, 0.3173,
0.3366

Harmonies

Analogous

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



26.9912, 0.1548, 0.1985



26.9912, 0.1923, 0.1836



26.9912, 0.2640, 0.1973

Triad

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



26.9912, 0.1923, 0.1836



26.9912, 0.5091, 0.3583



26.9912, 0.2439, 0.4592

Complementary

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



26.9912, 0.1923, 0.1836



46.6710, 0.4790, 0.4262

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.



26.9912, 0.3341, 0.5172



26.9912, 0.1923, 0.1836



26.9912, 0.4901, 0.4283

Square

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



26.9912, 0.1923, 0.1836



26.9912, 0.4618, 0.2923



26.9912, 0.4236, 0.4927



26.9912, 0.1780, 0.3454

Rectangle

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



26.9912, 0.1923, 0.1836



26.9912, 0.3291, 0.2204



26.9912, 0.4236, 0.4927



26.9912, 0.2725, 0.4882

Sweetspot

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



26.9920, 0.1923, 0.1836



71.3692, 0.2757, 0.2933



70.1018, 0.2644, 0.4452



14.4419, 0.2696, 0.2869



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.



26.9920, 0.1923, 0.1836



22.1593, 0.1772, 0.1523



11.0911, 0.1718, 0.0917



17.1303, 0.2980, 0.3154



9.6089, 0.1719, 0.1387



1.0458, 0.1786, 0.1628

Inverse Universe

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



24.8639, 0.4587, 0.2545



23.3606, 0.5015, 0.2588



84.9787, 0.4045, 0.4967



16.6040, 0.3224, 0.3186



11.0694, 0.5208, 0.2643



0.9932, 0.4896, 0.2471

Previews

White Background



This preview shows how the Yxy color 26.9912, 0.1923, 0.1836 looks on a white background.

Color Contrast Check

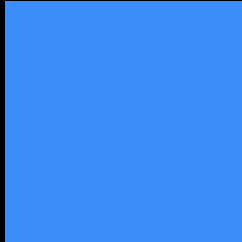
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9912, 0.1923, 0.1836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

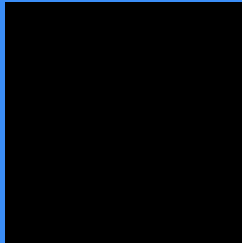
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

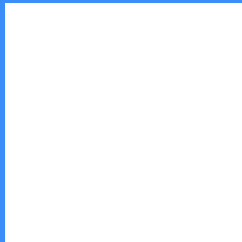
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.9912, 0.1923, 0.1836

Background



This preview shows how black text looks on a background with the Yxy color 26.9912, 0.1923, 0.1836.



This preview shows how white text looks on a background with the Yxy color 26.9912, 0.1923, 0.1836.

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

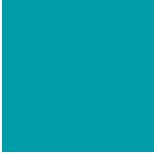
26.9912, 0.1923, 0.1836

Protanopia

26.7953, 0.2058, 0.1848

Deuteranopia

27.0641, 0.1906, 0.1844



Tritanopia

26.9411, 0.2191, 0.3086

Trichromacy



Original Color

26.9912, 0.1923, 0.1836

Protanomaly

26.7907, 0.2002, 0.1847

Deuteranomaly

27.1446, 0.1913, 0.1846

Tritanomaly

26.6471, 0.2057, 0.2536

Monochromacy



Original Color

26.9912, 0.1923, 0.1836

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.9718, 0.2493, 0.2641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9912, 0.1923, 0.1836 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(59, 142, 247)` looks like.

```
.text, #text, p{  
    color:rgb(59, 142, 247)  
}
```

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(59, 142, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 142, 247) }
```

Border

The CSS property to change the border of an element to Yxy 26.9912, 0.1923, 0.1836 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(59, 142, 247) }
```

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

```
.border{ border-color:rgb(59, 142, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 142, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 142, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 142, 247);  
box-shadow:4px 4px 4px 4px rgb(59, 142,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9912, 0.1923, 0.1836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 142, 247) }
```

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

```
.background{ background-color: rgb(59, 142,  
247) }
```

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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