

Converting Colors

YUV(118.5930, 53.9377,
-80.3271)

Have a look what the booklet for
YUV(118.5930, 53.9377, -80.3271)
contains.

YUV(118.5930, 53.9377, -80.3271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(118.5930, 53.9377,
-80.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	1B90E4
RGB	27, 144, 228
RGB Percent	11%, 56%, 89%
CMY	0.8941, 0.4353, 0.1059
CMYK	0.88, 0.37, 0.00, 0.11
HSL	205°, 79%, 50%
HSV	205°, 88%, 89%
XYZ	24.4288, 25.7810, 77.0875
YIQ	118.5930, -96.6960, 1.3200

Conversions

Conversions Part 2

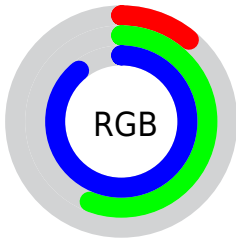
Format	Color
R_{YB}	27, 101, 228
Decimal	1806564
CIE Lab	57.83, -0.33, -50.96
CIE LCh	58, 50.964, 269.634
Yxy	25.7810, 0.1919, 0.2025
Android (android.graphics.Color)	4279996644 (0xFF1B90E4)
YUV	118.5930, 53.9377, -80.3271
Hunter-Lab	50.7750, -2.9763, -54.4727

Details

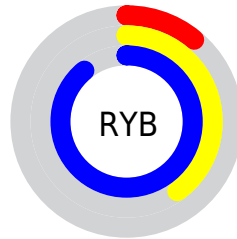
The YUV color **118.5930, 53.9377, -80.3271** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **136.4070, -53.9377, 80.3271**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8980, 38.0113, -58.6695**, and **74.7860, 47.9265, -65.5873** is the 20% darker color. If you saturate the color by 10%, you get **105.8460, 60.2219, -89.3189**, and if you desaturate by 10%, it is **131.3400, 47.6534, -71.3352**.

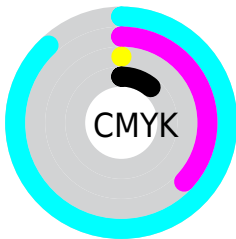
Distribution



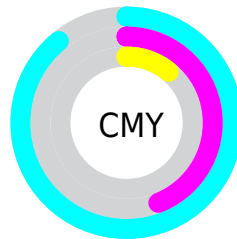
- Red (11%)
- Green (56%)
- Blue (89%)



- Red (11%)
- Yellow (40%)
- Blue (89%)



- Cyan (88%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5930, 53.9377, -80.3271 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 YUV color 118.5930, 53.9377, -80.3271 by changing the saturation by 10% instead.

■ 118.5930, 53.9377,
-80.3271

■ 118.5930, 53.9377,
-80.3271

255.0000, 0.0000,
0.0000

■ 92.6530, 52.9221,
-81.2567

■ 177.8980, 38.0113,
-58.6695

■ 74.7860, 47.9265,
-65.5873

■ 203.9020, 25.1913,
-53.4111

■ 58.2070, 42.7889,
-51.0475

■ 230.4930, 12.0820,
-48.6674

■ 42.3290, 37.7988,
-37.1225

■ 240.3490, 7.2229,
-30.1241

■ 28.3260, 32.3773,
-24.8419

■ 249.6180, 2.6533,
-11.0660

■ 12.5620, 27.8239,
-11.0169

■ 7.5920, 18.9351,

-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 118.5930, 53.9377,
-80.3271

■ 118.5930, 53.9377,
-80.3271

■ 105.8460, 60.2219,
-89.3189

■ 131.3400, 47.6534,
-71.3352

■ 104.0630, 61.1009,
-91.2633

■ 143.5000, 41.6585,
-61.8285

■ 155.9480, 35.5216,
-53.4514

■ 168.1080, 29.5268,
-43.9447

■ 180.8550, 23.2425,
-34.9528

■ 193.0150, 17.2476,
-25.4462

■ 205.7620, 10.9633,
-16.4543

■ 217.6230, 5.1159,
-7.5624

■ 230.3700, -1.1684,
1.4295

Harmonies

Analogous

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



115.4950, 49.0560, -101.2891



118.5930, 53.9377, -80.3271



140.8480, 37.5429, -1.6207

Triad

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



118.5930, 53.9377, -80.3271



137.5870, -20.0094, 71.3992



119.6900, -13.6512, -54.9791

Complementary

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



118.5930, 53.9377, -80.3271



136.4070, -53.9377, 80.3271

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.



129.5420, -35.7632, -9.2453



118.5930, 53.9377, -80.3271



136.7100, -36.8320, 53.7513

Square

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



118.5930, 53.9377, -80.3271



139.3690, 0.8041, 68.9594



133.8840, -44.3128, 26.4117



110.1250, 13.2494, -96.5796

Rectangle

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



118.5930, 53.9377, -80.3271



143.1850, 26.5308, 30.5328



133.8840, -44.3128, 26.4117



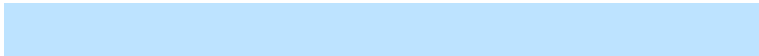
124.5090, -22.4359, -37.2804

Sweetspot

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



118.5930, 53.9377, -80.3271



218.8300, 17.8318, -26.1609



154.5630, -21.4766, -111.8728



106.0610, 10.8159, -15.8395



0.0000, 0.0000, 0.0000



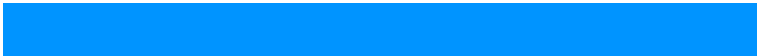
128.0000, 0.0000, 0.0000

Same Dimension

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



118.5930, 53.9377, -80.3271



115.9460, 68.5536, -101.6846



59.8930, 82.8768, -28.8472



108.4770, 3.2158, -4.8033



81.4540, 48.0902, -71.4352



23.4240, 13.5950, -20.5428

Inverse Universe

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



100.4370, 21.4766, 111.8728



93.1170, 27.0573, 141.9714



195.1070, -82.8768, 28.8472



107.3860, 1.2887, 6.6775



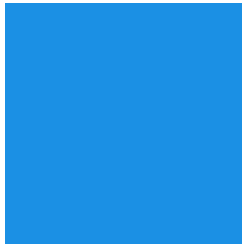
65.3770, 19.0411, 99.6474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 118.5930, 53.9377, -80.3271 looks on a white background.

Color Contrast Check

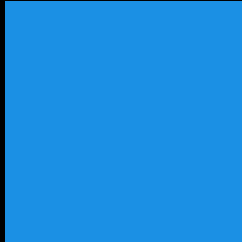
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 118.5930, 53.9377, -80.3271 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

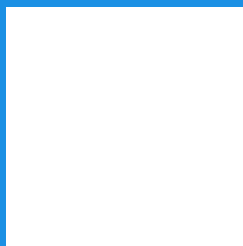
Any Text WCAG AAA × Fail

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

YUV 118.5930, 53.9377, -80.3271 Background



This preview shows how black text looks on a background with the YUV color 118.5930, 53.9377, -80.3271.



This preview shows how white text looks on a background with the YUV color 118.5930, 53.9377, -80.3271.

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

118.5930, 53.9377, -80.3271

Protanopia

136.0190, 41.4026, -26.3267

Deuteranopia

131.0210, 48.3036, -46.4994

Trichromacy



Original Color

118.5930, 53.9377, -80.3271

Protanomaly

129.4510, 46.1197, -45.9995

Deuteranomaly

126.5140, 50.5256, -59.2098

Monochromacy



Original Color

118.5930, 53.9377, -80.3271

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9760, 19.7318, -28.9200

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5930, 53.9377, -80.3271 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(27, 144, 228)` looks like.

```
.text, #text, p{  
    color:rgb(27, 144, 228)  
}
```

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(27, 144, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 144, 228) }
```

Border

The CSS property to change the border of an element to YUV 118.5930, 53.9377, -80.3271 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(27, 144, 228) }
```

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

```
.border{ border-color:rgb(27, 144, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 144, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 144, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 144, 228);  
box-shadow:4px 4px 4px 4px rgb(27, 144,  
228) }
```


Background

The CSS property to change the background color of an element to YUV 118.5930, 53.9377, -80.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 144, 228) }
```

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

```
.background{ background-color: rgb(27, 144,  
228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor