

Converting Colors

YUV(103.8130, 63.6892,
-81.3970)

Have a look what the booklet for
YUV(103.8130, 63.6892, -81.3970)
contains.

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Color

**YUV(103.8130, 63.6892,
-81.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	0B7EE9
RGB	11, 126, 233
RGB Percent	4%, 49%, 91%
CMY	0.9569, 0.5059, 0.0863
CMYK	0.95, 0.46, 0.00, 0.09
HSL	209°, 91%, 48%
HSV	209°, 95%, 91%
XYZ	22.3068, 20.8760, 79.9446
YIQ	103.8130, -102.8870, 8.8970

Conversions

Conversions Part 2

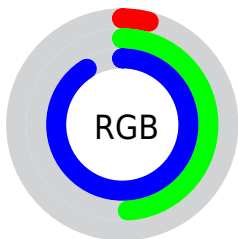
Format	Color
R_{YB}	11, 87, 233
Decimal	753385
CIE _{Lab}	52.81, 11.81, -61.78
CIE _{LCh}	53, 62.903, 280.817
Yxy	20.8760, 0.1812, 0.1695
Android (android.graphics.Color)	4278943465 (0xFF0B7EE9)
YUV	103.8130, 63.6892, -81.3970
Hunter-Lab	45.6903, 7.1889, -71.7568

Details

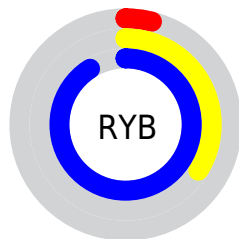
The YUV color **103.8130, 63.6892, -81.3970** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **140.1870, -63.6892, 81.3970**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8480, 43.9519, -50.7327**, and **65.8500, 54.3040, -57.7504** is the 20% darker color. If you saturate the color by 10%, you get **97.5890, 66.7576, -85.5856**, and if you desaturate by 10%, it is **117.1470, 57.1155, -72.9199**.

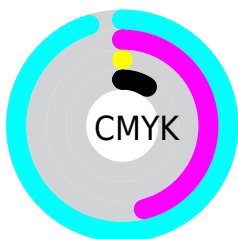
Distribution



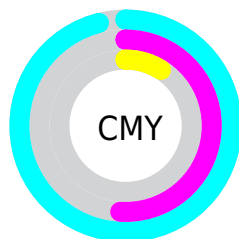
- Red (4%)
- Green (49%)
- Blue (91%)



- Red (4%)
- Yellow (34%)
- Blue (91%)



- Cyan (95%)
- Magenta (46%)
- Yellow (0%)
- Black (9%)



- Cyan (96%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8130, 63.6892, -81.3970 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 103.8130, 63.6892, -81.3970 by changing the saturation by 10% instead.

■ 103.8130, 63.6892,
-81.3970

■ 103.8130, 63.6892,
-81.3970

255.0000, 0.0000,
0.0000

■ 82.5430, 59.8783,
-72.3902

■ 165.8480, 43.9519,
-50.7327

■ 65.8500, 54.3040,
-57.7504

■ 191.5640, 31.2739,
-44.3446

■ 49.8580, 48.8770,
-43.7255

■ 217.5680, 18.4540,
-39.0861

■ 35.1540, 43.3081,
-30.8301

■ 239.7510, 7.5178,
-31.3536

■ 19.8630, 38.0285,
-17.4199

■ 249.3190, 2.8007,
-11.6808

■ 12.9040, 29.1343,
-11.3168

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 103.8130, 63.6892,
-81.3970

■ 103.8130, 63.6892,
-81.3970

■ 97.5890, 66.7576,
-85.5856

■ 117.1470, 57.1155,
-72.9199

■ 130.7800, 50.3945,
-63.8281

■ 144.7010, 43.5314,
-55.8658

■ 158.0350, 36.9577,
-47.3887

■ 171.6680, 30.2367,
-38.2968

■ 185.0020, 23.6630,
-29.8198

■ 198.9230, 16.8000,
-21.8575

■ 212.2570, 10.2263,
-13.3804

■ 225.8900, 3.5052,
-4.2885

Harmonies

Analogous

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



109.3460, 58.4964, -95.8964



103.8130, 63.6892, -81.3970



129.4470, 39.2196, 20.6560

Triad

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



103.8130, 63.6892, -81.3970



120.1830, -30.6562, 79.6465



97.4950, -4.6810, -85.5031

Complementary

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



103.8130, 63.6892, -81.3970



140.1870, -63.6892, 81.3970

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.



109.0570, -37.0031, -31.6220



103.8130, 63.6892, -81.3970



119.0200, -57.1979, 52.6025

Square

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



103.8130, 63.6892, -81.3970



119.3070, -5.0814, 90.0618



116.0770, -57.2260, 14.8415



105.1670, 19.6377, -92.2315

Rectangle

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



103.8130, 63.6892, -81.3970



127.5240, 25.8707, 55.6685



116.0770, -57.2260, 14.8415



94.2690, -11.9646, -82.6739

Sweetspot

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



103.8130, 63.6892, -81.3970



211.7420, 21.3262, -26.9607



153.1700, -18.8178, -124.6831



101.6310, 12.9999, -16.3394



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.



103.8130, 63.6892, -81.3970



106.5540, 73.1839, -93.4479



40.4170, 94.9434, -25.7987



110.7760, 3.0684, -4.1886



75.8120, 51.8577, -66.4871



22.5920, 15.4841, -19.8132

Inverse Universe

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



90.4880, 17.5074, 124.9830



91.2930, 20.0686, 143.5710



203.5830, -94.9434, 25.7987



109.9730, 0.9993, 6.1627



64.8350, 14.3783, 101.8767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 103.8130, 63.6892, -81.3970 looks on a white background.

Color Contrast Check

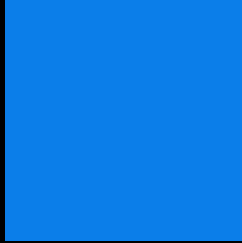
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.8130, 63.6892, -81.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

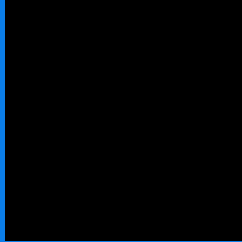
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

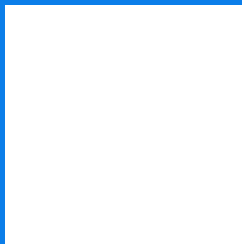
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 103.8130, 63.6892, -81.3970

Background



This preview shows how black text looks on a background with the YUV color 103.8130, 63.6892, -81.3970.



This preview shows how white text looks on a background with the YUV color 103.8130, 63.6892, -81.3970.

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

103.8130, 63.6892, -81.3970

Protanopia

119.2480, 54.1077, -41.4365

Deuteranopia

100.7860, 61.2375, -88.3893



Tritanopia

98.5790, 24.8576, -86.4538

Trichromacy



Original Color

103.8130, 63.6892, -81.3970

Protanomaly

113.3710, 57.4981, -55.5764

Deuteranomaly

101.7370, 62.2477, -85.7153

Tritanomaly

100.3740, 39.2556, -84.5200

Monochromacy



Original Color

103.8130, 63.6892, -81.3970

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8880, 23.2262, -29.7198

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8130, 63.6892, -81.3970 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(11, 126, 233)` looks like.

```
.text, #text, p{  
    color:rgb(11, 126, 233)  
}
```

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(11, 126, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 126, 233) }
```

Border

The CSS property to change the border of an element to YUV 103.8130, 63.6892, -81.3970 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(11, 126, 233) }
```


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

```
.border{ border-color:rgb(11, 126, 233) }
```

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

Here you see how a box with a 4 pixel rgb(11, 126, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 126, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 126, 233);  
box-shadow:4px 4px 4px 4px rgb(11, 126,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 103.8130, 63.6892, -81.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 126, 233) }
```

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

```
.background{ background-color: rgb(11, 126,  
233) }
```

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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