

Converting Colors

YUV(101.8270, 52.3433,
-82.2863)

Have a look what the booklet for
YUV(101.8270, 52.3433, -82.2863)
contains.

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Color

**YUV(101.8270, 52.3433,
-82.2863)**

Conversions

Conversions Part 1

Format	Color
Hex	0881D0
RGB	8, 129, 208
RGB Percent	3%, 51%, 82%
CMY	0.9686, 0.4941, 0.1843
CMYK	0.96, 0.38, 0.00, 0.18
HSL	204°, 93%, 42%
HSV	204°, 96%, 82%
XYZ	19.3356, 20.3062, 62.5749
YIQ	101.8270, -97.4750, -1.0830

Conversions

Conversions Part 2

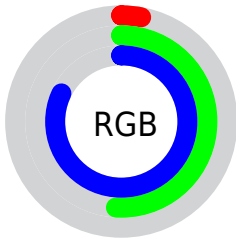
Format	Color
R_{YB}	8, 83, 208
Decimal	557520
CIE Lab	52.18, 0.18, -48.73
CIE LCh	52, 48.727, 270.210
Yxy	20.3062, 0.1892, 0.1987
Android (android.graphics.Color)	4278747600 (0xFF0881D0)
YUV	101.8270, 52.3433, -82.2863
Hunter-Lab	45.0624, -2.2677, -50.7881

Details

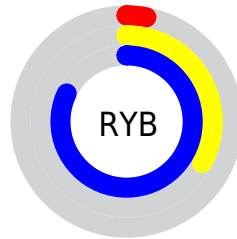
The YUV color **101.8270, 52.3433, -82.2863** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **114.1730, -52.3433, 82.2863**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5160, 44.1156, -56.5805**, and **64.4020, 43.6788, -56.4806** is the 20% darker color. If you saturate the color by 10%, you get **97.6740, 54.3907, -85.6601**, and if you desaturate by 10%, it is **112.8020, 46.9326, -73.4944**.

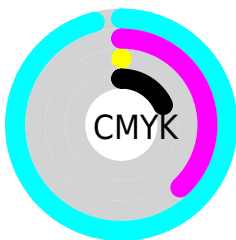
Distribution



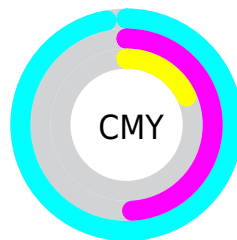
- Red (3%)
- Green (51%)
- Blue (82%)



- Red (3%)
- Yellow (33%)
- Blue (82%)



- Cyan (96%)
- Magenta (38%)
- Yellow (0%)
- Black (18%)



- Cyan (97%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.8270, 52.3433, -82.2863 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 101.8270, 52.3433, -82.2863 by changing the saturation by 10% instead.

■ 101.8270, 52.3433,
-82.2863

■ 101.8270, 52.3433,
-82.2863

■ 255.0000, 0.0000,
0.0000

■ 81.5680, 48.5270,
-71.5351

■ 165.5160, 44.1156,
-56.5805

■ 64.4020, 43.6788,
-56.4806

■ 191.5200, 31.2956,
-51.3220

■ 48.5240, 38.6887,
-42.5555

■ 217.2250, 18.6231,
-46.6783

■ 33.2330, 33.4091,
-29.1453

■ 237.0600, 8.8444,
-36.8866

■ 18.1700, 29.0032,
-15.9351

■ 246.0300, 4.4222,
-18.4433

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 101.8270, 52.3433,
-82.2863

■ 101.8270, 52.3433,
-82.2863

■ 97.6740, 54.3907,
-85.6601

■ 112.8020, 46.9326,
-73.4944

■ 123.7770, 41.5219,
-64.7024

■ 135.0400, 35.9693,
-57.0401

■ 146.0150, 30.5586,
-48.2482

■ 156.9900, 25.1479,
-39.4562

■ 167.9650, 19.7373,
-30.6643

■ 179.5270, 14.0372,
-22.3872

■ 190.2030, 8.7739,
-14.2100

■ 201.1780, 3.3632,
-5.4181

Harmonies

Analogous

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



103.9370, 45.3871, -91.1527



101.8270, 52.3433, -82.2863



126.4630, 34.7747, -0.4061

Triad

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



101.8270, 52.3433, -82.2863



122.8960, -18.6827, 65.8662



105.1570, -11.9094, -53.6347

Complementary

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



101.8270, 52.3433, -82.2863



114.1730, -52.3433, 82.2863

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.



115.4110, -33.7266, -9.1304



101.8270, 52.3433, -82.2863



122.1440, -35.0740, 49.8627

Square

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



101.8270, 52.3433, -82.2863



124.3470, 0.8149, 65.4707



119.4430, -42.1234, 24.1675



99.1370, 11.7645, -86.9431

Rectangle

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



101.8270, 52.3433, -82.2863



128.6040, 24.3522, 29.2883



119.4430, -42.1234, 24.1675



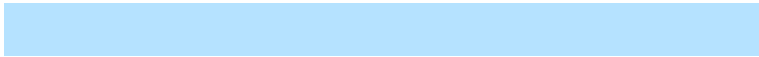
110.5630, -20.9836, -36.4508

Sweetspot

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



101.8270, 52.3433, -82.2863



215.8510, 19.3005, -30.5643



134.1780, -24.2448, -110.6581



103.9790, 11.8424, -18.3986



0.0000, 0.0000, 0.0000



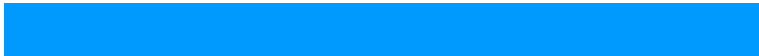
128.0000, 0.0000, 0.0000

Same Dimension

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



101.8270, 52.3433, -82.2863



119.4680, 66.8173, -104.7734



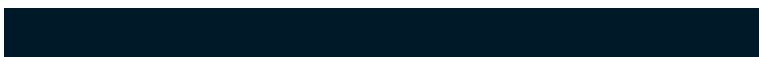
44.3010, 80.7036, -31.8360



98.7760, 3.0684, -4.1886



79.0260, 43.8642, -69.3058



19.3490, 10.6739, -16.9691

Inverse Universe

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



81.5940, 23.3712, 110.8581



93.8010, 29.6781, 141.3715



171.6990, -80.7036, 31.8360



97.9730, 0.9993, 6.1627



61.8600, 19.7890, 93.0848



15.1090, 4.8763, 22.7064

Previews

White Background



This preview shows how the YUV color 101.8270, 52.3433, -82.2863 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 101.8270, 52.3433, -82.2863 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 101.8270, 52.3433, -82.2863

Background



This preview shows how black text looks on a background with the YUV color 101.8270, 52.3433, -82.2863.

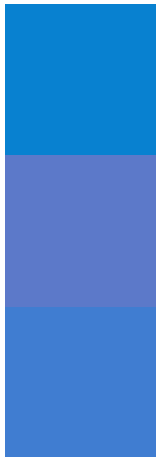


This preview shows how white text looks on a background with the YUV color 101.8270, 52.3433, -82.2863.

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

101.8270, 52.3433, -82.2863

Protanopia

121.4490, 39.2186, -25.8268

Deuteranopia

116.3370, 45.6829, -45.8995



Tritanopia

97.7640, 24.2733, -85.7390

Trichromacy



Original Color

101.8270, 52.3433, -82.2863

Protanomaly

114.2830, 44.2305, -46.7292

Deuteranomaly

110.9440, 48.3416, -58.7099

Tritanomaly

99.4080, 34.3089, -84.5498

Monochromacy



Original Color

101.8270, 52.3433, -82.2863

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1500, 19.1531, -29.9495

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.8270, 52.3433, -82.2863 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(8, 129, 208)` looks like.

```
.text, #text, p{  
    color:rgb(8, 129, 208)  
}
```

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(8, 129, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 129, 208) }
```

Border

The CSS property to change the border of an element to YUV 101.8270, 52.3433, -82.2863 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(8, 129, 208) }
```


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

```
.border{ border-color:rgb(8, 129, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 129, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(8, 129, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(8, 129, 208); box-shadow:4px 4px 4px 4px rgb(8, 129, 208) }
```

Background

The CSS property to change the background color of an element to YUV 101.8270, 52.3433, -82.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 129, 208) }
```

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

```
.background{ background-color: rgb(8, 129,  
208) }
```

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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