

Converting Colors

YUV(26.3400, 81.6704,
-15.2072)

Have a look what the booklet for
YUV(26.3400, 81.6704, -15.2072)
contains.

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Color

**YUV(26.3400, 81.6704,
-15.2072)**

Conversions

Conversions Part 1

Format	Color
Hex	0903C0
RGB	9, 3, 192
RGB Percent	4%, 1%, 75%
CMY	0.9647, 0.9882, 0.2471
CMYK	0.95, 0.98, 0.00, 0.25
HSL	242°, 97%, 38%
HSV	242°, 98%, 75%
XYZ	9.6596, 3.9290, 50.1184
YIQ	26.3400, -57.0930, 60.0510

Conversions

Conversions Part 2

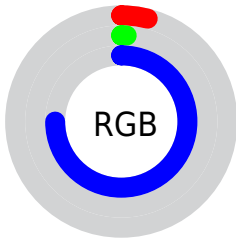
Format	Color
R_{YB}	9, 3, 192
Decimal	590784
CIE Lab	23.44, 63.35, -86.43
CIE LCh	23, 107.163, 306.242
Yxy	3.9290, 0.1516, 0.0617
Android (android.graphics.Color)	4278780864 (0xFF0903C0)
YUV	26.3400, 81.6704, -15.2072
Hunter-Lab	19.8216, 52.3003, -136.0379

Details

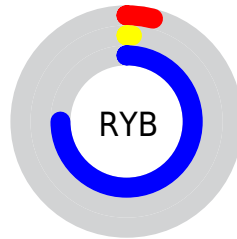
The YUV color **26.3400, 81.6704, -15.2072** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **168.6600, -81.6704, 15.2072**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.5770, 75.6375, 6.5100**, and **15.6180, 59.8413, -13.6970** is the 20% darker color. If you saturate the color by 10%, you get **23.6820, 82.9808, -15.5071**, and if you desaturate by 10%, it is **43.1740, 73.3712, -13.3076**.

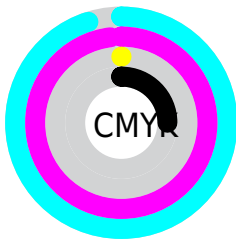
Distribution



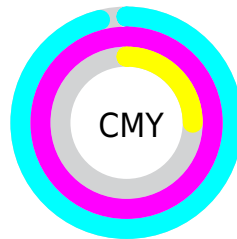
- Red (4%)
- Green (1%)
- Blue (75%)



- Red (4%)
- Yellow (1%)
- Blue (75%)



- Cyan (95%)
- Magenta (98%)
- Yellow (0%)
- Black (25%)



- Cyan (96%)
- Magenta (99%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.3400, 81.6704, -15.2072 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 26.3400, 81.6704, -15.2072 by changing the saturation by 10% instead.

■ 26.3400, 81.6704,
-15.2072

■ 26.3400, 81.6704,
-15.2072

■ 255.0000, 0.0000,
0.0000

■ 18.6960, 71.6349,
-16.3964

■ 96.5770, 75.6375,
6.5100

■ 15.6180, 59.8413,
-13.6970

■ 122.2760, 65.4329,
12.9129

■ 12.5400, 48.0478,
-10.9976

■ 147.6930, 52.9024,
18.6862

■ 16.7340, 33.6551,
-14.6757

■ 172.2240, 40.8086,
24.3596

■ 10.3620, 24.4715,
-9.0875

■ 197.9290, 28.1360,
29.0033

■ 5.5060, 16.0195,
-4.8288

■ 221.5410, 16.4953,


■ 2.1830, 5.8258,


29.3435


-1.9145


 238.5640, 8.1029,
14.4144


 0.0000, 0.0000,
0.0000


 26.3400, 81.6704,
-15.2072


 26.3400, 81.6704,
-15.2072


 23.6820, 82.9808,
-15.5071

 43.1740, 73.3712,
-13.3076

 59.7090, 65.2195,
-12.0228

 77.1300, 56.6309,
-10.6380

 93.6650, 48.4792,
-9.3532

 110.4990, 40.1800,
-7.4536

■ 127.3330, 31.8808,
-5.5540

■ 143.8680, 23.7291,
-4.2692

■ 161.2890, 15.1405,
-2.8845

■ 177.8240, 6.9888,
-1.5996

Harmonies

Analogous

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



66.2670, 78.7484, -58.1162



26.3400, 81.6704, -15.2072



60.0680, 31.0255, 82.3784

Triad

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



26.3400, 81.6704, -15.2072



39.6790, -19.5617, 67.8105



53.9940, 8.8770, -47.3527

Complementary

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



26.3400, 81.6704, -15.2072



168.6600, -81.6704, 15.2072

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.



44.6120, -21.9937, -39.1247



26.3400, 81.6704, -15.2072



51.3660, -25.3234, 2.3100

Square

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



26.3400, 81.6704, -15.2072



48.1390, -23.7325, 98.9791



42.2640, -20.8362, -37.0655



64.9890, 43.3894, -56.9954

Rectangle

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



26.3400, 81.6704, -15.2072



60.6040, 4.6322, 101.2023



42.2640, -20.8362, -37.0655



50.1010, -3.5008, -43.9386

Sweetspot

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



26.3400, 81.6704, -15.2072



184.1480, 32.4650, -6.2688



133.7280, 28.7281, -114.6485



85.4290, 19.5085, -3.8842



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



26.3400, 81.6704, -15.2072



30.8920, 108.0202, -20.0763



53.8480, 68.1089, 41.3523



88.4390, 4.2206, -0.3850



19.8490, 69.5874, -13.0226



4.0610, 14.2669, -2.6845

Inverse Universe

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



80.3730, 52.0741, 97.8969



102.3380, 68.8534, 129.4996



141.1520, -68.1089, -41.3523



91.1300, 2.8939, 5.1480



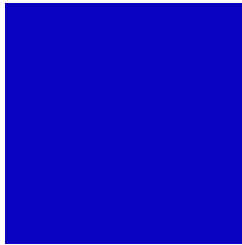
65.9230, 44.4080, 83.3825



13.5150, 9.1131, 17.0883

Previews

White Background



This preview shows how the YUV color 26.3400, 81.6704, -15.2072 looks on a white background.

Color Contrast Check

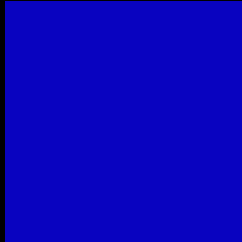
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 26.3400, 81.6704, -15.2072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.3400, 81.6704, -15.2072

Background



This preview shows how black text looks on a background with the YUV color 26.3400, 81.6704, -15.2072.



This preview shows how white text looks on a background with the YUV color 26.3400, 81.6704,

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

26.3400, 81.6704, -15.2072

Protanopia

46.3240, 35.3363, -40.6261

Deuteranopia

46.6200, 26.3163, -40.8857



Tritanopia

45.9070, 10.8918, -40.2604

Trichromacy



Original Color

26.3400, 81.6704, -15.2072

Protanomaly

39.1460, 52.1860, -31.7000

Deuteranomaly

38.9520, 46.3657, -31.5299

Tritanomaly

38.4330, 36.7615, -31.0747

Monochromacy



Original Color

26.3400, 81.6704, -15.2072

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.3500, 29.4074, -5.5690

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.3400, 81.6704, -15.2072 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(9, 3, 192)` looks like.

```
.text, #text, p{  
    color:rgb(9, 3, 192)  
}
```

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(9, 3, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 3, 192) }
```

Border

The CSS property to change the border of an element to YUV 26.3400, 81.6704, -15.2072 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(9, 3, 192) }
```


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

```
.border{ border-color:rgb(9, 3, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 3, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 3, 192); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 3, 192); box-shadow:4px  
4px 4px 4px rgb(9, 3, 192) }
```

Background

The CSS property to change the background color of an element to YUV 26.3400, 81.6704, -15.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 3, 192) }
```

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

```
.background{ background-color: rgb(9, 3,  
192) }
```

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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