

Converting Colors

YUV(25.0730, 63.0680,
-21.9890)

Have a look what the booklet for
YUV(25.0730, 63.0680, -21.9890)
contains.

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Color

**YUV(25.0730, 63.0680,
-21.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	000D99
RGB	0, 13, 153
RGB Percent	0%, 5%, 60%
CMY	1.0000, 0.9490, 0.4000
CMYK	1.00, 0.92, 0.00, 0.40
HSL	235°, 100%, 30%
HSV	235°, 100%, 60%
XYZ	5.8937, 2.5878, 30.3258
YIQ	25.0730, -52.6880, 40.7840

Conversions

Conversions Part 2

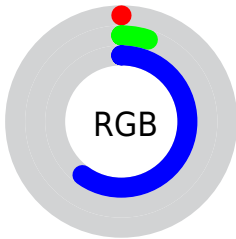
Format	Color
RYB	0, 12, 153
Decimal	3481
CIELab	18.31, 50.01, -71.45
CIELCh	18, 87.218, 304.988
Yxy	2.5878, 0.1519, 0.0667
Android (android.graphics.Color)	4278193561 (0xFF000D99)
YUV	25.0730, 63.0680, -21.9890
Hunter-Lab	16.0865, 37.2466, -100.5114

Details

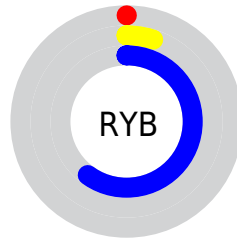
The YUV color **25.0730, 63.0680, -21.9890** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **127.9270, -63.0680, 21.9890**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.7170, 59.7925, 2.0022**, and **11.4000, 43.6798, -9.9978** is the 20% darker color. If you saturate the color by 10%, you get **25.0730, 63.0680, -21.9890**, and if you desaturate by 10%, it is **37.7760, 56.8054, -19.9746**.

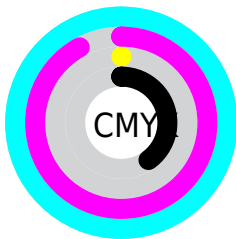
Distribution



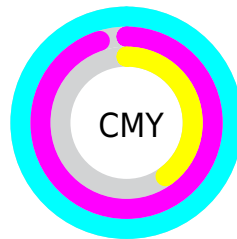
- Red (0%)
- Green (5%)
- Blue (60%)



- Red (0%)
- Yellow (5%)
- Blue (60%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (95%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.0730, 63.0680, -21.9890 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 25.0730, 63.0680, -21.9890 by changing the saturation by 10% instead.

■ 25.0730, 63.0680,
-21.9890

■ 25.0730, 63.0680,
-21.9890

■ 252.0650, 1.4470,
2.5740

■ 14.3640, 55.0365,
-12.5972

■ 87.7170, 59.7925,
2.0022

■ 11.4000, 43.6798,
-9.9978

■ 114.3800, 60.9447,
5.8057

■ 13.8330, 30.1553,
-12.1315

■ 140.5500, 56.4238,
9.1646

■ 8.1620, 21.1191,
-7.1581

■ 164.4830, 44.6249,
13.6084

■ 4.4800, 12.0884,
-3.9290

■ 189.6010, 32.2417,
18.7669

■ 0.0000, 0.0000,
0.0000

■ 214.4200, 20.0059,

23.3107

■ 235.0420, 9.8393,
17.5032

■ 25.0730, 63.0680,
-21.9890

■ 37.7760, 56.8054,
-19.9746

■ 50.7780, 50.3954,
-17.3453

■ 63.4810, 44.1329,
-15.3308

■ 76.1840, 37.8703,
-13.3164

■ 89.1860, 31.4603,
-10.6871

■ 101.8890, 25.1977,
-8.6727

■ 114.5920, 18.9351,
-6.6582

■ 127.2950, 12.6726,
-4.6437

■ 140.2970, 6.2626,
-2.0145

Harmonies

Analogous

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



52.5770, 61.8335, -46.1100



25.0730, 63.0680, -21.9890



47.2800, 25.9910, 63.7754

Triad

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



25.0730, 63.0680, -21.9890



32.5140, -16.0294, 54.8002



43.1370, 5.3555, -37.8311

Complementary

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



25.0730, 63.0680, -21.9890



127.9270, -63.0680, 21.9890

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.



36.3940, -17.9422, -31.9175



25.0730, 63.0680, -21.9890



41.6420, -20.5295, 4.6990

Square

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



25.0730, 63.0680, -21.9890



38.5710, -19.0155, 79.3062



34.0460, -16.7847, -29.8583



52.1940, 32.4424, -45.7741

Rectangle

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



25.0730, 63.0680, -21.9890



48.2870, 5.2815, 79.5553



34.0460, -16.7847, -29.8583



40.6290, -4.2541, -35.6316

Sweetspot

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



25.0730, 63.0680, -21.9890



148.7750, 24.7609, -8.5727



105.5430, 16.0013, -92.5612



69.7510, 14.4198, -5.0436



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



25.0730, 63.0680, -21.9890



32.6650, 82.0032, -28.6472



35.6810, 57.8383, 22.2048



70.4990, 3.2050, -1.3146



23.0040, 57.6790, -20.1745



2.0690, 5.3890, -1.8145

Inverse Universe

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



47.2290, -16.8749, 92.7612



61.4390, -21.9084, 120.6410



117.3190, -57.8383, -22.2048



71.5060, -0.7425, 4.8182



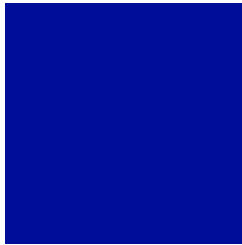
43.2280, -15.3954, 84.8690



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 25.0730, 63.0680, -21.9890 looks on a white background.

Color Contrast Check

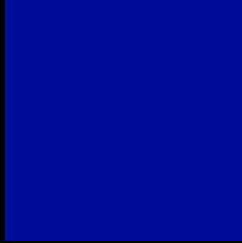
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0730, 63.0680, -21.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

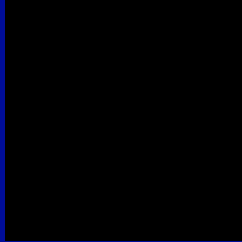
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.0730, 63.0680, -21.9890

Background



This preview shows how black text looks on a background with the YUV color 25.0730, 63.0680, -21.9890.



This preview shows how white text looks on a background with the YUV color 25.0730, 63.0680,

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

25.0730, 63.0680, -21.9890

Protanopia

37.9460, 28.6206, -33.2786

Deuteranopia

37.9970, 21.2005, -33.3234



Tritanopia

36.7940, 8.9756, -32.2683

Trichromacy



Original Color

25.0730, 63.0680, -21.9890

Protanomaly

33.2960, 41.2661, -29.2006

Deuteranomaly

33.3300, 36.3193, -29.2304

Tritanomaly

32.6800, 28.7518, -28.6604

Monochromacy



Original Color

25.0730, 63.0680, -21.9890

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.3190, 23.0137, -8.1728

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.0730, 63.0680, -21.9890 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(0, 13, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 13, 153)  
}
```

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(0, 13, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 13, 153) }
```

Border

The CSS property to change the border of an element to YUV 25.0730, 63.0680, -21.9890 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(0, 13, 153) }
```


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

```
.border{ border-color:rgb(0, 13, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 13, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 13, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 13, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 13, 153)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.0730, 63.0680, -21.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 13, 153) }
```

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

```
.background{ background-color: rgb(0, 13,  
153) }
```

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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