

Converting Colors

YUV(23.9510, 74.9602, -9.6040)

Have a look what the booklet for
YUV(23.9510, 74.9602, -9.6040)
contains.

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Color

**YUV(23.9510, 74.9602,
-9.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	0D00B0
RGB	13, 0, 176
RGB Percent	5%, 0%, 69%
CMY	0.9490, 1.0000, 0.3098
CMYK	0.93, 1.00, 0.00, 0.31
HSL	244°, 100%, 35%
HSV	244°, 100%, 69%
XYZ	8.0025, 3.2202, 41.2741
YIQ	23.9510, -48.7480, 57.4920

Conversions

Conversions Part 2

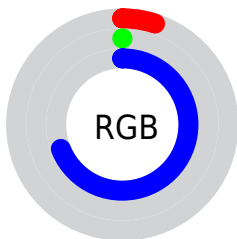
Format	Color
RYB	13, 0, 176
Decimal	852144
CIELab	20.90, 60.07, -81.12
CIELCh	21, 100.938, 306.523
Yxy	3.2202, 0.1524, 0.0613
Android (android.graphics.Color)	4279042224 (0xFF0D00B0)
YUV	23.9510, 74.9602, -9.6040
Hunter-Lab	17.9448, 48.1984, -123.8091

Details

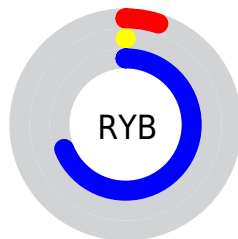
The YUV color **23.9510, 74.9602, -9.6040** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **152.0490, -74.9602, 9.6040**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.3940, 69.8118, 8.4245**, and **13.9080, 53.2894, -12.1973** is the 20% darker color. If you saturate the color by 10%, you get **23.9510, 74.9602, -9.6040**, and if you desaturate by 10%, it is **39.3010, 67.3926, -9.0340**.

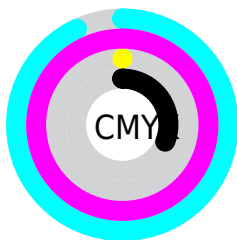
Distribution



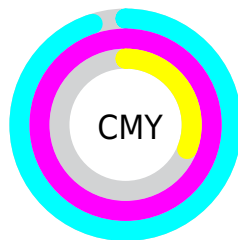
- Red (5%)
- Green (0%)
- Blue (69%)



- Red (5%)
- Yellow (0%)
- Blue (69%)



- Cyan (93%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (95%)
- Magenta (100%)
- Yellow (31%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.9510, 74.9602, -9.6040 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 23.9510, 74.9602, -9.6040 by changing the saturation by 10% instead.

■ 23.9510, 74.9602,
-9.6040

■ 23.9510, 74.9602,
-9.6040

■ 252.0650, 1.4470,
2.5740

■ 16.8720, 64.6461,
-14.7967

■ 91.3940, 69.8118,
8.4245

■ 13.9080, 53.2894,
-12.1973

■ 118.7320, 67.1801,
12.5130

■ 10.9440, 41.9326,
-9.5979

■ 143.2630, 55.0863,
18.1863

■ 12.7900, 28.6975,
-11.2168

■ 168.0820, 42.8506,
22.7301

■ 7.7060, 19.3719,
-6.7582

■ 193.2000, 30.4674,
27.8886

■ 3.5510, 11.0674,
-3.1142

■ 218.6060, 17.9422,

■ 0.0000, 0.0000,

31.9175

0.0000

■ 235.0420, 9.8393,
17.5032

■ 23.9510, 74.9602,
-9.6040

■ 39.3010, 67.3926,
-9.0340

■ 54.3630, 59.9670,
-7.3344

■ 69.7130, 52.3995,
-6.7643

■ 84.4760, 45.1213,
-5.6795

■ 100.1250, 37.4064,
-4.4946

■ 115.4750, 29.8388,
-3.9246

■ 130.2380, 22.5607,
-2.8397

■ 145.5880, 14.9931,
-2.2697

■ 160.6500, 7.5676,
-0.5700

Harmonies

Analogous

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



60.1060, 72.9117, -52.7130



23.9510, 74.9602, -9.6040



54.9270, 28.1370, 75.4860

Triad

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



23.9510, 74.9602, -9.6040



35.8030, -17.6509, 61.5628



49.2010, 8.2819, -43.1493

Complementary

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



23.9510, 74.9602, -9.6040



152.0490, -74.9602, 9.6040

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.



41.0900, -20.2574, -36.0359



23.9510, 74.9602, -9.6040



46.0500, -22.7026, 1.7102

Square

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



23.9510, 74.9602, -9.6040



43.9530, -21.6688, 90.3722



38.1550, -18.8104, -33.4619



59.5120, 40.1736, -52.1920

Rectangle

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



23.9510, 74.9602, -9.6040



55.6200, 3.6383, 93.2953



38.1550, -18.8104, -33.4619



45.6500, -2.7854, -40.0350

Sweetspot

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



23.9510, 74.9602, -9.6040



170.3610, 29.4020, -3.8246



116.3320, 29.4163, -102.0232



78.6850, 17.9033, -2.3547



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



23.9510, 74.9602, -9.6040



31.3030, 97.9576, -12.5437



49.9640, 62.1357, 43.8816



81.3250, 3.7838, -0.2850



20.7310, 65.2086, -8.5341



3.5620, 11.0619, -1.3699

Inverse Universe

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



71.2060, 45.2544, 91.9043



93.0520, 59.1344, 120.1034



126.0360, -62.1357, -43.8816



83.7170, 2.6045, 4.6332



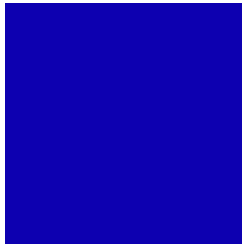
61.9350, 39.4720, 79.8640



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 23.9510, 74.9602, -9.6040 looks on a white background.

Color Contrast Check

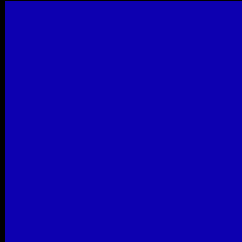
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9510, 74.9602, -9.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

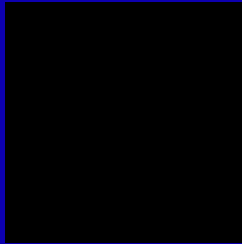
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.9510, 74.9602, -9.6040

Background



This preview shows how black text looks on a background with the YUV color 23.9510, 74.9602, -9.6040.



This preview shows how white text looks on a background with the YUV color 23.9510, 74.9602, -9.6040.

-9.6040.

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



Protanopia

42.8360, 32.1259, -37.5672

Tritanopia

41.7010, 10.0074, -36.5718

Trichromacy



Protanomaly

36.0280, 47.8072, -27.2116

Tritanomaly

35.5430, 33.2563, -26.7862

Monochromacy



Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.7910, 27.2180, -3.3247

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.9510, 74.9602, -9.6040 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(13, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(13, 0, 176)  
}
```

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(13, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 0, 176) }
```

Border

The CSS property to change the border of an element to YUV 23.9510, 74.9602, -9.6040 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(13, 0, 176) }
```

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

```
.border{ border-color:rgb(13, 0, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 0, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(13, 0, 176)  
}
```


Background

The CSS property to change the background color of an element to YUV 23.9510, 74.9602, -9.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 0, 176) }
```

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

```
.background{ background-color: rgb(13, 0,  
176) }
```

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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