

Converting Colors

YUV(73.9050, -23.1242,
-49.9057)

Have a look what the booklet for
YUV(73.9050, -23.1242, -49.9057)
contains.

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Color

**YUV(73.9050, -23.1242,
-49.9057)**

Conversions

Conversions Part 1

Format	Color
Hex	11701B
RGB	17, 112, 27
RGB Percent	7%, 44%, 11%
CMY	0.9333, 0.5608, 0.8941
CMYK	0.85, 0.00, 0.76, 0.56
HSL	126°, 74%, 25%
HSV	126°, 85%, 44%
XYZ	6.2232, 11.7866, 2.9840
YIQ	73.9050, -29.3350, -46.5750

Conversions

Conversions Part 2

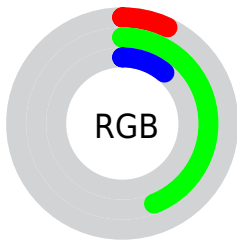
Format	Color
RYB	17, 103, 112
Decimal	1142811
CIELab	40.87, -43.63, 37.76
CIELCh	41, 57.699, 139.122
Yxy	11.7866, 0.2964, 0.5614
Android (android.graphics.Color)	4279332891 (0xFF11701B)
YUV	73.9050, -23.1242, -49.9057
Hunter-Lab	34.3317, -27.7245, 18.8789

Details

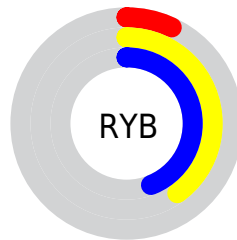
The YUV color **73.9050, -23.1242, -49.9057** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **55.0950, 23.1242, 49.9057**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.7380, -26.4928, -42.7432**, and **36.9810, -18.2316, -32.4323** is the 20% darker color. If you saturate the color by 10%, you get **69.4760, -25.8707, -55.6685**, and if you desaturate by 10%, it is **78.3340, -20.3777, -44.1429**.

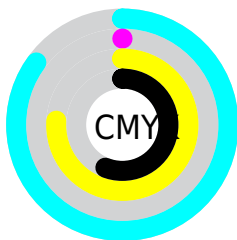
Distribution



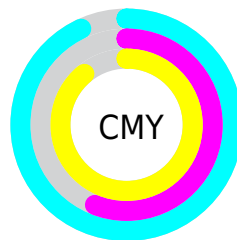
- Red (7%)
- Green (44%)
- Blue (11%)



- Red (7%)
- Yellow (40%)
- Blue (44%)



- Cyan (85%)
- Magenta (0%)
- Yellow (76%)
- Black (56%)



- Cyan (93%)
- Magenta (56%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.9050, -23.1242, -49.9057 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 73.9050, -23.1242, -49.9057 by changing the saturation by 10% instead.

■ 73.9050, -23.1242,
-49.9057

■ 73.9050, -23.1242,
-49.9057

255.0000, 0.0000,
0.0000

■ 51.0690, -25.1770,
-44.7875

■ 129.7380,
-26.4928, -42.7432

■ 36.9810, -18.2316,
-32.4323

■ 156.6240,
-26.9296, -42.6432

■ 24.0670, -11.8650,
-21.1068

■ 184.9830,
-28.0926, -42.9581

■ 3.5220, -1.7363,
-3.0888

■ 212.7550,
-28.9662, -42.7581

■ 0.0000, 0.0000,
0.0000

■ 228.0260,
-23.1838, -30.7178

■ 239.8890,

-15.2283, -15.6887

251.8660, -6.8359,
-0.7595

73.9050, -23.1242,
-49.9057

73.9050, -23.1242,
-49.9057

69.4760, -25.8707,
-55.6685

78.3340, -20.3777,
-44.1429

67.1120, -27.1702,
-58.8572

82.7630, -17.6312,
-38.3802

87.4910, -15.0321,
-32.0026

91.9200, -12.2856,
-26.2398

96.3490, -9.5391,
-20.4771

■ 100.7780, -6.7926,
-14.7143

■ 105.2070, -4.0461,
-8.9515

■ 109.9350, -1.4470,
-2.5740

■ 114.3640, 1.2995,
3.1888

Harmonies

Analogous

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



86.7730, -42.7791, 1.0761



73.9050, -23.1242, -49.9057



76.8700, 0.0641, -67.4150

Triad

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



73.9050, -23.1242, -49.9057



84.4690, 52.0268, -74.0793



87.2150, -8.9800, 80.4954

Complementary

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



73.9050, -23.1242, -49.9057



55.0950, 23.1242, 49.9057

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.



90.7680, 12.4394, 70.3635



73.9050, -23.1242, -49.9057



89.6850, 47.9763, -34.8037

Square

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



73.9050, -23.1242, -49.9057



86.5430, 39.6653, -75.8982



98.4070, 29.8723, 32.0921



90.1010, -33.0808, 63.9324

Rectangle

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



73.9050, -23.1242, -49.9057



81.2190, 14.1890, -71.2291



98.4070, 29.8723, 32.0921



87.1640, -1.5599, 80.5402

Sweetspot

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



73.9050, -23.1242, -49.9057



130.5880, -8.6709, -18.9327



98.4790, -40.1691, 3.9649



65.1420, -5.4930, -11.5255



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



73.9050, -23.1242, -49.9057



86.8250, -35.4097, -76.1455



79.2630, -2.5947, -54.6047



53.6360, -1.2995, -3.1888



71.9220, -29.0485, -63.0756



147.9530, -60.1228, -129.7548

Inverse Universe

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



55.0950, 23.1242, 49.9057



58.1750, 35.4097, 76.1455



49.7370, 2.5947, 54.6047



52.4780, 1.7363, 3.0888



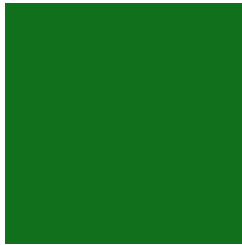
48.0780, 29.0485, 63.0756



99.0470, 60.1228, 129.7548

Previews

White Background



This preview shows how the YUV color 73.9050, -23.1242, -49.9057 looks on a white background.

Color Contrast Check

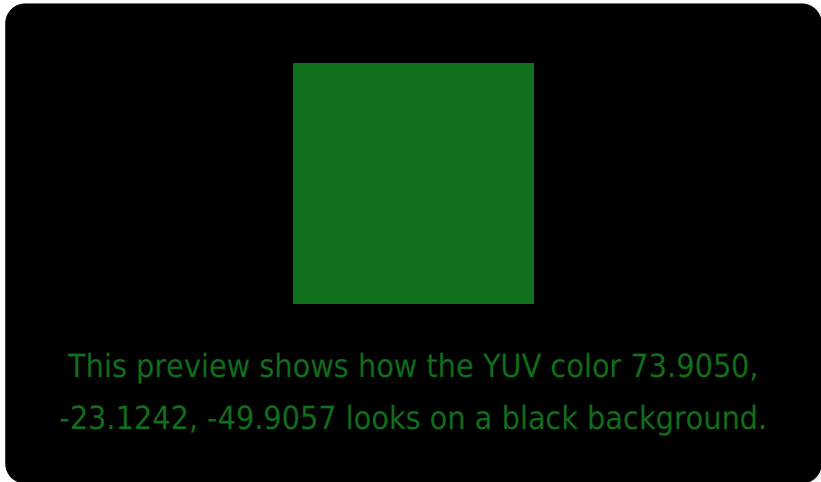
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

YUV 73.9050, -23.1242, -49.9057

Background



This preview shows how black text looks on a background with the YUV color 73.9050, -23.1242, -49.9057.



This preview shows how white text looks on a background with the YUV color 73.9050, -23.1242, -49.9057.

-49.9057.

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

73.9050, -23.1242, -49.9057

Protanopia

91.2660, -33.6551, 14.6757

Deuteranopia

93.4010, -28.2987, 23.3273



Tritanopia

88.2820, 12.1860, -35.3273

Trichromacy



Original Color

73.9050, -23.1242, -49.9057

Protanomaly

85.0350, -30.0903, -8.8007

Deuteranomaly

86.6920, -26.4702, -3.2379

Tritanomaly

83.2200, -0.6015, -40.5349

Monochromacy



Original Color

73.9050, -23.1242, -49.9057

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0010, -8.3815, -18.4179

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.9050, -23.1242, -49.9057 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(17, 112, 27)` looks like.

```
.text, #text, p{  
    color:rgb(17, 112, 27)  
}
```

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(17, 112, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 112, 27) }
```

Border

The CSS property to change the border of an element to YUV 73.9050, -23.1242, -49.9057 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(17, 112, 27) }
```


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

```
.border{ border-color:rgb(17, 112, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 112, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 112, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 112, 27);  
box-shadow:4px 4px 4px 4px rgb(17, 112,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 73.9050, -23.1242, -49.9057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 112, 27) }
```

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

```
.background{ background-color: rgb(17, 112,  
27) }
```

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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