

Converting Colors

YUV(49.4730, 12.5848,
-23.2168)

Have a look what the booklet for
YUV(49.4730, 12.5848, -23.2168)
contains.

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Color

**YUV(49.4730, 12.5848,
-23.2168)**

Conversions

Conversions Part 1

Format	Color
Hex	173A4B
RGB	23, 58, 75
RGB Percent	9%, 23%, 29%
CMY	0.9098, 0.7725, 0.7059
CMYK	0.69, 0.23, 0.00, 0.71
HSL	200°, 53%, 19%
HSV	200°, 69%, 29%
XYZ	3.1364, 3.7163, 7.2086
YIQ	49.4730, -26.3170, -2.1330

Conversions

Conversions Part 2

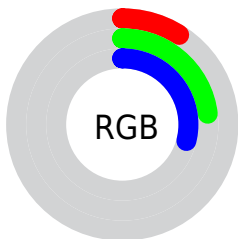
Format	Color
R _Y B	23, 44, 75
Decimal	1522251
CIE Lab	22.71, -6.48, -14.17
CIE LCh	23, 15.578, 245.417
Yxy	3.7163, 0.2231, 0.2643
Android (android.graphics.Color)	4279712331 (0xFF173A4B)
YUV	49.4730, 12.5848, -23.2168
Hunter-Lab	19.2776, -4.6945, -8.6764

Details

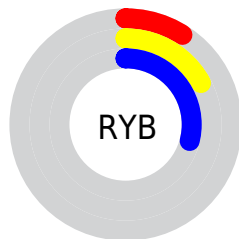
The YUV color **49.4730, 12.5848, -23.2168** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **48.5270, -12.5848, 23.2168**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.5980, 13.0162, -21.5724**, and **12.3390, 9.1999, -10.8213** is the 20% darker color. If you saturate the color by 10%, you get **46.2060, 14.1954, -26.4907**, and if you desaturate by 10%, it is **53.0390, 10.8268, -19.3282**.

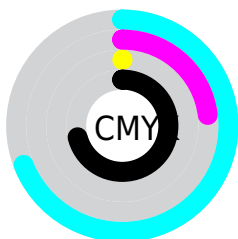
Distribution



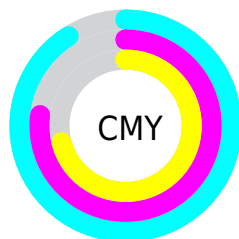
- Red (9%)
- Green (23%)
- Blue (29%)



- Red (9%)
- Yellow (17%)
- Blue (29%)



- Cyan (69%)
- Magenta (23%)
- Yellow (0%)
- Black (71%)



- Cyan (91%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.4730, 12.5848, -23.2168 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 49.4730, 12.5848, -23.2168 by changing the saturation by 10% instead.

■ 49.4730, 12.5848,
-23.2168

■ 49.4730, 12.5848,
-23.2168

■ 255.0000, 0.0000,
0.0000

■ 27.0600, 12.2954,
-23.7316

■ 97.5980, 13.0162,
-21.5724

■ 12.3390, 9.1999,
-10.8213

■ 122.7120, 13.4530,
-21.6724

■ 0.4560, 1.7472,
-0.3999

■ 148.4130, 13.6004,
-22.2872

■ 0.0000, 0.0000,
0.0000

■ 175.5270, 14.0372,
-22.3872

■ 203.2280, 14.1846,
-23.0020

■ 230.6580, 12.0006,

-22.5021

■ 248.4220, 3.2430,
-13.5251

■ 49.4730, 12.5848,
-23.2168

■ 49.4730, 12.5848,
-23.2168

■ 46.2060, 14.1954,
-26.4907

■ 53.0390, 10.8268,
-19.3282

■ 42.0530, 16.2429,
-29.8645

■ 56.8930, 8.9268,
-16.5692

■ 38.7860, 17.8535,
-33.1383

■ 60.4590, 7.1687,
-12.6805

■ 37.9000, 18.2903,
-33.2383

■ 64.3130, 5.2687,
-9.9215

■ 67.8790, 3.5107,
-6.0329

■ 71.7330, 1.6106,
-3.2738

■ 75.2990, -0.1474,
0.6148

■ 79.1530, -2.0474,
3.3738

■ 82.7190, -3.8055,
7.2624

Harmonies

Analogous

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



46.4460, 10.1331, -30.2091



49.4730, 12.5848, -23.2168



53.3220, 11.6733, -10.8064

Triad

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



49.4730, 12.5848, -23.2168



55.4800, -1.2226, 18.8730



52.3880, -8.5723, -3.8483

Complementary

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



49.4730, 12.5848, -23.2168



48.5270, -12.5848, 23.2168

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.



53.1720, -10.9308, 5.9882



49.4730, 12.5848, -23.2168



54.9870, -6.8956, 18.4284

Square

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



49.4730, 12.5848, -23.2168



56.1140, 3.8878, 13.0550



54.0420, -10.3737, 13.9952



50.4020, -3.1562, -14.3846

Rectangle

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



49.4730, 12.5848, -23.2168



54.9210, 9.8989, -1.6847



54.0420, -10.3737, 13.9952



52.7690, -9.7461, -0.6744

Sweetspot

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



49.4730, 12.5848, -23.2168



86.9110, 4.9739, -8.6919



55.3480, -8.0596, -28.3692



42.0640, 2.9264, -5.3181



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



49.4730, 12.5848, -23.2168



57.5190, 19.4641, -36.4122



34.7980, 19.8196, -10.3468



36.2170, 0.8790, -1.9443



52.1310, 24.5854, -45.7189



116.6180, 55.8973, -102.2740

Inverse Universe

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



42.5380, 7.6228, 28.4692



46.4890, 12.0839, 44.2981



63.2020, -19.8196, 10.3468



35.5380, 0.7208, 2.1592



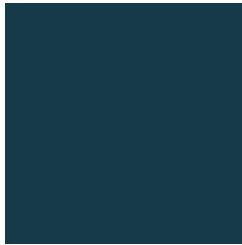
38.3640, 15.1035, 55.8088



86.3260, 33.3633, 126.0021

Previews

White Background



This preview shows how the YUV color 49.4730, 12.5848, -23.2168 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 49.4730, 12.5848, -23.2168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

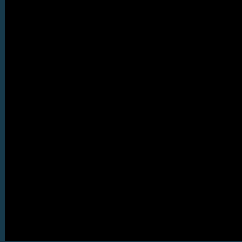
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.4730, 12.5848, -23.2168

Background



This preview shows how black text looks on a background with the YUV color 49.4730, 12.5848, -23.2168.



This preview shows how white text looks on a background with the YUV color 49.4730, 12.5848,

-23.2168.

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

49.4730, 12.5848, -23.2168

Protanopia

54.5570, 8.5994, -4.8735

Deuteranopia

54.4150, 10.6414, -6.5030



Tritanopia

47.4140, 8.6699, -27.5501

Trichromacy



Original Color

49.4730, 12.5848, -23.2168

Protanomaly

52.5670, 10.0735, -11.0213

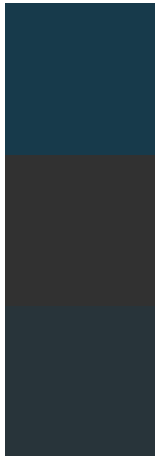
Deuteranomaly

52.3110, 11.6787, -12.5507

Tritanomaly

48.1800, 10.2643, -25.5909

Monochromacy



Original Color

49.4730, 12.5848, -23.2168

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.4730, 12.5848, -23.2168 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(23, 58, 75)` looks like.

```
.text, #text, p{  
    color:rgb(23, 58, 75)  
}
```

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(23, 58, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 58, 75) }
```

Border

The CSS property to change the border of an element to YUV 49.4730, 12.5848, -23.2168 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(23, 58, 75) }
```


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

```
.border{ border-color:rgb(23, 58, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 58, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 58, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 58, 75);  
box-shadow:4px 4px 4px 4px rgb(23, 58, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.4730, 12.5848, -23.2168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 58, 75) }
```

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

```
.background{ background-color: rgb(23, 58,  
75) }
```

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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