

Converting Colors

YUV(49.4900, 10.1114,
-23.2317)

Have a look what the booklet for
YUV(49.4900, 10.1114, -23.2317)
contains.

YUV(49.4900, 10.1114, -23.2317)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(49.4900, 10.1114,
-23.2317)**

Conversions

Conversions Part 1

Format	Color
Hex	173B46
RGB	23, 59, 70
RGB Percent	9%, 23%, 27%
CMY	0.9098, 0.7686, 0.7255
CMYK	0.67, 0.16, 0.00, 0.73
HSL	194°, 51%, 18%
HSV	194°, 67%, 27%
XYZ	3.0228, 3.7523, 6.3593
YIQ	49.4900, -24.9870, -4.2110

Conversions

Conversions Part 2

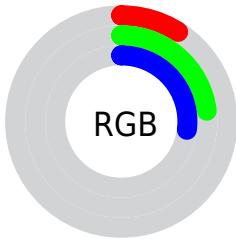
Format	Color
R _Y B	23, 43, 70
Decimal	1522502
CIE Lab	22.83, -8.98, -10.64
CIE LCh	23, 13.922, 229.843
Yxy	3.7523, 0.2301, 0.2857
Android (android.graphics.Color)	4279712582 (0xFF173B46)
YUV	49.4900, 10.1114, -23.2317
Hunter-Lab	19.3708, -6.0441, -5.9049

Details

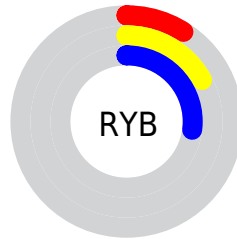
The YUV color **49.4900, 10.1114, -23.2317** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **43.5100, -10.1114, 23.2317**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.2020, 10.2534, -22.1022**, and **13.0570, 6.8739, -11.4510** is the 20% darker color. If you saturate the color by 10%, you get **46.2230, 11.7221, -26.5056**, and if you desaturate by 10%, it is **52.7570, 8.5008, -19.9579**.

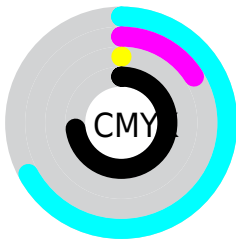
Distribution



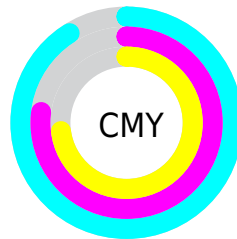
- Red (9%)
- Green (23%)
- Blue (27%)



- Red (9%)
- Yellow (17%)
- Blue (27%)



- Cyan (67%)
- Magenta (16%)
- Yellow (0%)
- Black (73%)



- Cyan (91%)
- Magenta (77%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.4900, 10.1114, -23.2317 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 49.4900, 10.1114, -23.2317 by changing the saturation by 10% instead.

■ 49.4900, 10.1114,
-23.2317

■ 49.4900, 10.1114,
-23.2317

■ 255.0000, 0.0000,
0.0000

■ 27.1910, 10.2588,
-23.8465

■ 97.2020, 10.2534,
-22.1022

■ 13.0570, 6.8739,
-11.4510

■ 122.3160, 10.6902,
-22.2021

■ 0.0000, 0.0000,
0.0000

■ 148.6040, 10.5482,
-23.3317

■ 175.1310, 11.2744,
-22.9169

■ 202.8320, 11.4218,
-23.5317

■ 231.4190, 11.1324,

-24.0465

■ 248.1230, 3.3904,
-14.1399

■ 49.4900, 10.1114,
-23.2317

■ 49.4900, 10.1114,
-23.2317

■ 46.2230, 11.7221,
-26.5056

■ 52.7570, 8.5008,
-19.9579

■ 43.5430, 13.0433,
-30.2942

■ 55.4370, 7.1796,
-16.1692

■ 40.2760, 14.6539,
-33.5681

■ 58.7040, 5.5689,
-12.8954

■ 39.6780, 14.9487,
-34.7976

■ 61.9710, 3.9583,
-9.6216

■ 64.6510, 2.6371,
-5.8329

■ 67.9180, 1.0264,
-2.5591

■ 70.5980, -0.2948,
1.2296

■ 73.8650, -1.9054,
4.5034

■ 77.1320, -3.5161,
7.7772

Harmonies

Analogous

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



48.7520, 6.0383, -23.4615



49.4900, 10.1114, -23.2317



52.7730, 10.9579, -14.7099

Triad

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



49.4900, 10.1114, -23.2317



56.0280, 0.9722, 14.8844



53.3070, -9.0254, 1.4848

Complementary

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



49.4900, 10.1114, -23.2317



43.5100, -10.1114, 23.2317

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.



54.4220, -10.0680, 9.2769



49.4900, 10.1114, -23.2317



55.4860, -3.6906, 17.1138

Square

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



49.4900, 10.1114, -23.2317



55.6510, 6.0881, 7.3221



54.7370, -7.7583, 15.1397



52.1640, -5.5039, -8.0368

Rectangle

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



49.4900, 10.1114, -23.2317



54.0020, 10.3520, -7.0178



54.7370, -7.7583, 15.1397



53.5030, -9.6150, 3.9439

Sweetspot

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



49.4900, 10.1114, -23.2317



83.9710, 3.9583, -9.6216



51.8430, -8.7966, -25.2953



40.9500, 2.4896, -5.2182



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



49.4900, 10.1114, -23.2317



59.0090, 16.2646, -36.8419



35.9890, 16.7674, -11.3914



34.2170, 0.8790, -1.9443



55.8980, 21.2493, -49.0225



128.0160, 48.7991, -112.2700

Inverse Universe

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



41.1570, 8.7966, 25.2953



45.9230, 13.8420, 40.4095



57.0110, -16.7674, 11.3914



33.5380, 0.7208, 2.1592



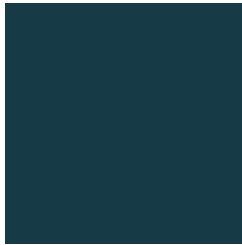
38.2650, 18.6034, 53.2646



87.7090, 42.5415, 122.1582

Previews

White Background



This preview shows how the YUV color 49.4900, 10.1114, -23.2317 looks on a white background.

Color Contrast Check

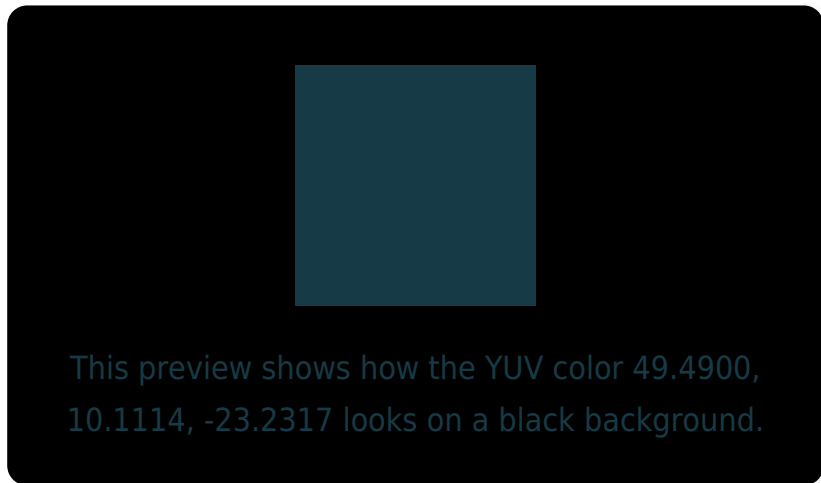
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

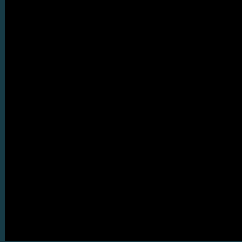
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

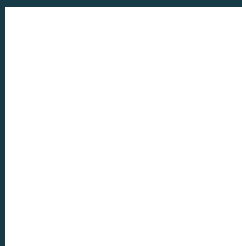
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 49.4900, 10.1114, -23.2317

Background



This preview shows how black text looks on a background with the YUV color 49.4900, 10.1114, -23.2317.



This preview shows how white text looks on a background with the YUV color 49.4900, 10.1114,

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

49.4900, 10.1114, -23.2317

Protanopia

54.7700, 5.5364, -2.4293

Deuteranopia

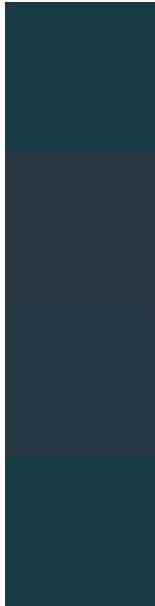
55.0410, 7.8678, -3.5440



Tritanopia

48.6100, 8.0803, -25.0910

Trichromacy



Original Color

49.4900, 10.1114, -23.2317

Protanomaly

52.7690, 7.0159, -10.3214

Deuteranomaly

53.2250, 8.7631, -10.7213

Tritanomaly

49.1370, 8.8065, -24.6761

Monochromacy



Original Color

49.4900, 10.1114, -23.2317

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.5690, 3.6635, -8.3920

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.4900, 10.1114, -23.2317 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, 59, 70)` looks like.

```
.text, #text, p{  
    color:rgb(23, 59, 70)  
}
```

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, 59, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 59, 70) }
```

Border

The CSS property to change the border of an element to YUV 49.4900, 10.1114, -23.2317 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, 59, 70) }
```


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

```
.border{ border-color:rgb(23, 59, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 59, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 59, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 59, 70);  
box-shadow:4px 4px 4px 4px rgb(23, 59, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.4900, 10.1114, -23.2317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 59, 70) }
```

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

```
.background{ background-color: rgb(23, 59,  
70) }
```

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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