

# Converting Colors

YUV(53.4730, 12.5848,  
-23.2168)

Have a look what the booklet for  
YUV(53.4730, 12.5848, -23.2168)  
contains.

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# Color

**YUV(53.4730, 12.5848,  
-23.2168)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B3E4F
RGB	27, 62, 79
RGB Percent	11%, 24%, 31%
CMY	0.8941, 0.7569, 0.6902
CMYK	0.66, 0.22, 0.00, 0.69
HSL	200°, 49%, 21%
HSV	200°, 66%, 31%
XYZ	3.5859, 4.2428, 8.0271
YIQ	53.4730, -26.3170, -2.1330

# Conversions

## Conversions Part 2

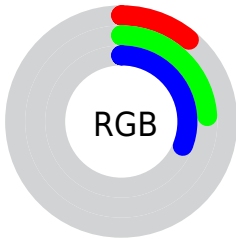
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 48, 79
Decimal	1785423
CIE <sub>Lab</sub>	24.46, -6.69, -14.11
CIE <sub>LCh</sub>	24, 15.613, 244.616
Yxy	4.2428, 0.2262, 0.2676
Android (android.graphics.Color)	4279975503 (0xFF1B3E4F)
YUV	53.4730, 12.5848, -23.2168
Hunter-Lab	20.5980, -4.9715, -8.6868

# Details

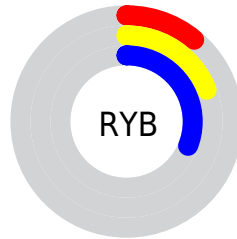
The YUV color **53.4730, 12.5848, -23.2168** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **52.5270, -12.5848, 23.2168**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.2990, 13.1636, -22.1872**, and **15.7300, 9.5001, -13.7952** is the 20% darker color. If you saturate the color by 10%, you get **49.3200, 14.6322, -26.5906**, and if you desaturate by 10%, it is **57.6260, 10.5374, -19.8430**.

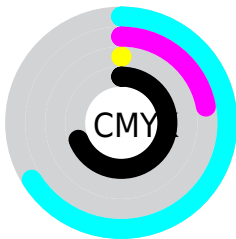
# Distribution



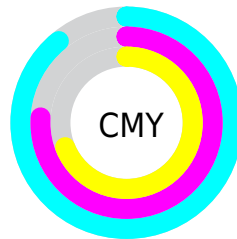
- Red (11%)
- Green (24%)
- Blue (31%)



- Red (11%)
- Yellow (19%)
- Blue (31%)



- Cyan (66%)
- Magenta (22%)
- Yellow (0%)
- Black (69%)



- Cyan (89%)
- Magenta (76%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 53.4730, 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 53.4730, 12.5848, -23.2168 by changing the saturation by 10% instead.



■ 53.4730, 12.5848,  
-23.2168

■ 53.4730, 12.5848,  
-23.2168

■ 255.0000, 0.0000,  
0.0000

■ 29.8640, 12.8850,  
-26.1907

■ 101.2990, 13.1636,  
-22.1872

■ 15.7300, 9.5001,  
-13.7952

■ 127.2990, 13.1636,  
-22.1872

■ 1.2540, 4.8048,  
-1.0998

■ 153.4130, 13.6004,  
-22.2872

■ 0.0000, 0.0000,  
0.0000

■ 180.2280, 14.1846,  
-23.0020

■ 207.9290, 14.3320,  
-23.6167

■ 234.7890, 9.9640,

-22.6170

249.9170, 2.5059,  
-10.4512

53.4730, 12.5848,  
-23.2168

53.4730, 12.5848,  
-23.2168

49.3200, 14.6322,  
-26.5906

57.6260, 10.5374,  
-19.8430

45.7540, 16.3903,  
-30.4793

61.1920, 8.7793,  
-15.9544

41.6010, 18.4377,  
-33.8531

65.3450, 6.7319,  
-12.5806

40.1170, 19.1693,  
-35.1826

68.9110, 4.9739,  
-8.6919

73.0640, 2.9264,  
-5.3181

■ 76.3310, 1.3158,  
-2.0443

■ 80.4840, -0.7316,  
1.3295

■ 84.6370, -2.7790,  
4.7034

■ 88.2030, -4.5371,  
8.5920

# Harmonies

## Analogous

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



50.7450, 9.9857, -29.5944



53.4730, 12.5848, -23.2168



57.3220, 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.



53.4730, 12.5848, -23.2168



59.4800, -1.2226, 18.8730



55.6870, -8.7197, -3.2335

# Complementary

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



53.4730, 12.5848, -23.2168



52.5270, -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.



57.1720, -10.9308, 5.9882



53.4730, 12.5848, -23.2168



58.9870, -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.



53.4730, 12.5848, -23.2168



60.1140, 3.8878, 13.0550



58.0420, -10.3737, 13.9952



54.4020, -3.1562, -14.3846



# Rectangle

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



53.4730, 12.5848, -23.2168



58.9210, 9.8989, -1.6847



58.0420, -10.3737, 13.9952



56.0680, -9.8935, -0.0596

# Sweetspot

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



53.4730, 12.5848, -23.2168



91.9110, 4.9739, -8.6919



59.3480, -8.0596, -28.3692



45.0640, 2.9264, -5.3181



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



53.4730, 12.5848, -23.2168



62.5190, 19.4641, -36.4122



38.7980, 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.



46.5380, 7.6228, 28.4692



51.4890, 12.0839, 44.2981



67.2020, -19.8196, 10.3468



35.5380, 0.7208, 2.1592



38.3640, 15.1035, 55.8088

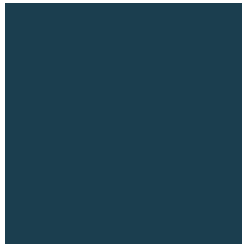


86.3260, 33.3633, 126.0021



# Previews

## White Background



This preview shows how the YUV color 53.4730, 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 53.4730, 12.5848, -23.2168 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

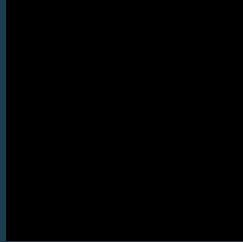
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

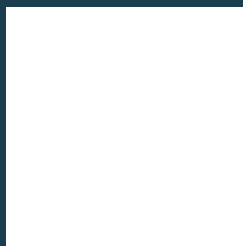
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 53.4730, 12.5848, -23.2168

## Background



This preview shows how black text looks on a background with the YUV color 53.4730, 12.5848, -23.2168.



This preview shows how white text looks on a background with the YUV color 53.4730, 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

53.4730, 12.5848, -23.2168

### Protanopia

57.9700, 8.8888, -4.3587

### Deuteranopia

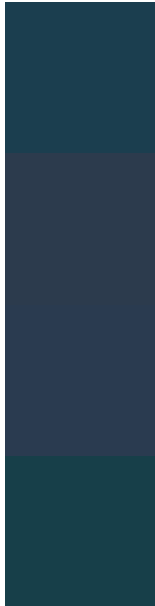
57.8280, 10.9308, -5.9882



## Tritanopia

51.7130, 8.5225, -26.9353

# Trichromacy



## Original Color

53.4730, 12.5848, -23.2168

## Protanomaly

56.5670, 10.0735, -11.0213

## Deuteranomaly

56.3110, 11.6787, -12.5507

## Tritanomaly

52.1800, 10.2643, -25.5909

# Monochromacy



## Original Color

53.4730, 12.5848, -23.2168

## Achromatopsia

53.0000, 0.0000, 0.0000

## Achromatomaly

53.0960, 4.3897, -7.9772

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 53.4730, 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(27, 62, 79)` looks like.

```
.text, #text, p{  
    color:rgb(27, 62, 79)  
}
```

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(27, 62, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 62, 79) }
```

## Border

The CSS property to change the border of an element to YUV 53.4730, 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(27, 62, 79) }
```



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

```
.border{ border-color:rgb(27, 62, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 62, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 62, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 62, 79);  
box-shadow:4px 4px 4px 4px rgb(27, 62, 79)  
}
```

# Background

The CSS property to change the background color of an element to YUV 53.4730, 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(27, 62, 79) }
```

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

```
.background{ background-color: rgb(27, 62,  
79) }
```

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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