

Converting Colors

YUV(48.9170, -0.9451, -23.6062)

Have a look what the booklet for
YUV(48.9170, -0.9451, -23.6062)
contains.

YUV(48.9170, -0.9451, -23.6062)	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(48.9170, -0.9451,
-23.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	163F2F
RGB	22, 63, 47
RGB Percent	9%, 25%, 18%
CMY	0.9137, 0.7529, 0.8157
CMYK	0.65, 0.00, 0.25, 0.75
HSL	157°, 48%, 17%
HSV	157°, 65%, 25%
XYZ	2.6215, 3.9308, 3.3099
YIQ	48.9170, -19.3000, -13.6680

Conversions

Conversions Part 2

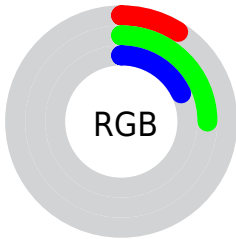
Format	Color
R_{YB}	22, 47, 63
Decimal	1457967
CIE _{Lab}	23.44, -18.94, 5.58
CIE _{LCh}	23, 19.744, 163.572
Yxy	3.9308, 0.2658, 0.3986
Android (android.graphics.Color)	4279648047 (0xFF163F2F)
YUV	48.9170, -0.9451, -23.6062
Hunter-Lab	19.8263, -11.0944, 3.9803

Details

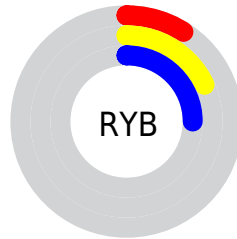
The YUV color **48.9170, -0.9451, -23.6062** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **36.0830, 0.9451, 23.6062**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.6890, -1.8187, -23.4063**, and **11.7400, -5.7878, -10.2960** is the 20% darker color. If you saturate the color by 10%, you get **46.8950, -0.9342, -27.0949**, and if you desaturate by 10%, it is **50.9390, -0.9559, -20.1175**.

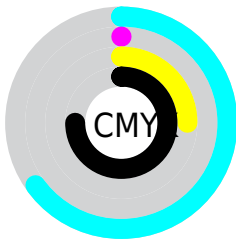
Distribution



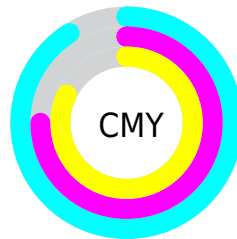
- Red (9%)
- Green (25%)
- Blue (18%)



- Red (9%)
- Yellow (18%)
- Blue (25%)



- Cyan (65%)
- Magenta (0%)
- Yellow (25%)
- Black (75%)



- Cyan (91%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.9170, -0.9451, -23.6062 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 48.9170, -0.9451, -23.6062 by changing the saturation by 10% instead.

■ 48.9170, -0.9451,
-23.6062

■ 48.9170, -0.9451,
-23.6062

255.0000, 0.0000,
0.0000

■ 27.0310, -0.5083,
-23.7062

■ 96.6890, -1.8187,
-23.4063

■ 11.7400, -5.7878,
-10.2960

■ 121.8630, -2.3975,
-24.4359

■ 0.0000, 0.0000,
0.0000

■ 147.8630, -2.3975,
-24.4359

■ 174.5640, -2.2501,
-25.0506

■ 202.1510, -2.5394,
-25.5654

■ 230.4390, -2.6814,

-26.6950

■ 246.9980, 2.9590,
-15.7842

■ 48.9170, -0.9451,
-23.6062

■ 48.9170, -0.9451,
-23.6062

■ 46.8950, -0.9342,
-27.0949

■ 50.9390, -0.9559,
-20.1175

■ 44.4600, -1.2128,
-31.0984

■ 53.3740, -0.6774,
-16.1140

■ 42.4380, -1.2019,
-34.5871

■ 55.3960, -0.6882,
-12.6253

■ 41.3130, -1.6333,
-36.2315

■ 57.5320, -0.2623,
-9.2366

■ 59.8530, -0.4205,
-5.1331

■ 61.9890, 0.0054,
-1.7444

■ 64.0110, -0.0054,
1.7444

■ 66.1470, 0.4205,
5.1331

■ 68.4680, 0.2623,
9.2366

Harmonies

Analogous

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



52.2410, -8.9928, -8.9814



48.9170, -0.9451, -23.6062



44.6360, 8.5605, -39.1458

Triad

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



48.9170, -0.9451, -23.6062



55.3160, 14.1412, -9.0471



55.9120, -9.8166, 22.0022

Complementary

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



48.9170, -0.9451, -23.6062



36.0830, 0.9451, 23.6062

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.



56.6440, -3.2755, 23.9912



48.9170, -0.9451, -23.6062



57.2750, 9.7244, 7.6518

Square

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



48.9170, -0.9451, -23.6062



48.9820, 17.2639, -30.6792



57.4460, 3.7241, 18.9029



55.1300, -13.8681, 14.7950

Rectangle

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



48.9170, -0.9451, -23.6062



45.1890, 13.2178, -39.6308



57.4460, 3.7241, 18.9029



56.3790, -8.0748, 23.3466

Sweetspot

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



48.9170, -0.9451, -23.6062



76.1190, -0.5517, -9.7514



50.8510, -14.2235, -11.2703



37.5540, -0.2731, -5.7479



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



48.9170, -0.9451, -23.6062



60.0140, -1.4859, -36.8463



48.3930, 7.2013, -23.1467



29.8750, -0.4314, -1.6444



61.7900, -1.8685, -54.1898



145.7040, -5.2771, -127.7824

Inverse Universe

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



36.0830, 0.9451, 23.6062



39.9860, 1.4859, 36.8463



36.6070, -7.2013, 23.1467



29.0110, -0.0054, 1.7444



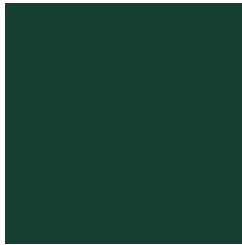
32.3240, 2.3053, 54.0899



76.2960, 5.2771, 127.7824

Previews

White Background



This preview shows how the YUV color 48.9170, -0.9451, -23.6062 looks on a white background.

Color Contrast Check

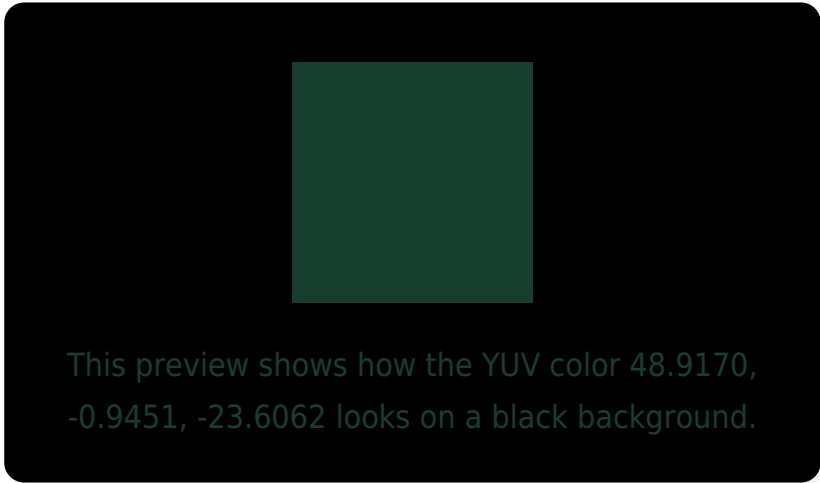
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9170, -0.9451, -23.6062

Background



This preview shows how black text looks on a background with the YUV color 48.9170, -0.9451, -23.6062.



This preview shows how white text looks on a background with the YUV color 48.9170, -0.9451,

-23.6062.

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

48.9170, -0.9451, -23.6062

Protanopia

55.5290, -5.6838, 3.0441

Deuteranopia

56.4200, -3.6581, 6.6477



Tritanopia

51.8880, 6.4642, -20.0728

Trichromacy



Original Color

48.9170, -0.9451, -23.6062

Protanomaly

53.5170, -4.1989, -6.5924

Deuteranomaly

53.5820, -2.7519, -4.0184

Tritanomaly

50.7800, 3.5595, -21.7321

Monochromacy



Original Color

48.9170, -0.9451, -23.6062

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8310, -0.4097, -8.6218

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.9170, -0.9451, -23.6062 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(22, 63, 47)` looks like.

```
.text, #text, p{  
    color:rgb(22, 63, 47)  
}
```

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(22, 63, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 63, 47) }
```

Border

The CSS property to change the border of an element to YUV 48.9170, -0.9451, -23.6062 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(22, 63, 47) }
```


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

```
.border{ border-color:rgb(22, 63, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 63, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 63, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 63, 47);  
box-shadow:4px 4px 4px 4px rgb(22, 63, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.9170, -0.9451, -23.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 63, 47) }
```

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

```
.background{ background-color: rgb(22, 63,  
47) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor