

Converting Colors

YUV(123.0250, -17.7603,
49.9671)

Have a look what the booklet for
YUV(123.0250, -17.7603, 49.9671)
contains.

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Color

**YUV(123.0250, -17.7603,
49.9671)**

Conversions

Conversions Part 1

Format	Color
Hex	B46557
RGB	180, 101, 87
RGB Percent	71%, 40%, 34%
CMY	0.2941, 0.6039, 0.6588
CMYK	0.00, 0.44, 0.52, 0.29
HSL	9°, 38%, 52%
HSV	9°, 52%, 71%
XYZ	25.1964, 19.6988, 11.4911
YIQ	123.0250, 51.5780, 12.3940

Conversions

Conversions Part 2

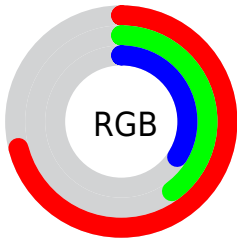
Format	Color
R_{YB}	180, 103, 87
Decimal	11822423
CIE _{Lab}	51.49, 30.27, 21.86
CIE _{LCh}	51, 37.336, 35.832
Yxy	19.6988, 0.4469, 0.3494
Android (android.graphics.Color)	4290012503 (0xFFB46557)
YUV	123.0250, -17.7603, 49.9671
Hunter-Lab	44.3833, 23.6635, 15.7178

Details

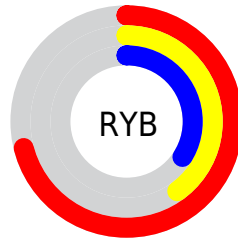
The YUV color **123.0250, -17.7603, 49.9671** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **143.9750, 17.7603, -49.9671**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8900, -19.6658, 54.4705**, and **71.9750, -15.2707, 44.7489** is the 20% darker color. If you saturate the color by 10%, you get **112.1680, -21.2818, 59.4887**, and if you desaturate by 10%, it is **133.8820, -14.2388, 40.4455**.

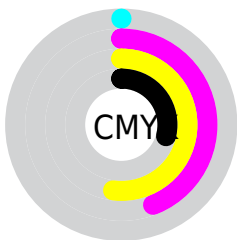
Distribution



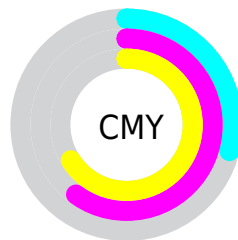
- Red (71%)
- Green (40%)
- Blue (34%)



- Red (71%)
- Yellow (40%)
- Blue (34%)



- Cyan (0%)
- Magenta (44%)
- Yellow (52%)
- Black (29%)



- Cyan (29%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0250, -17.7603, 49.9671 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 123.0250, -17.7603, 49.9671 by changing the saturation by 10% instead.

■ 123.0250,
-17.7603, 49.9671

■ 123.0250,
-17.7603, 49.9671

■ 255.0000, 0.0000,
0.0000

■ 97.0570, -16.2971,
47.3080

■ 176.8900,
-19.6658, 54.4705

■ 71.9750, -15.2707,
44.7489

■ 200.4870,
-18.4811, 47.8079

■ 47.5340, -13.0813,
42.5047

■ 220.0010,
-14.7905, 30.6941

■ 22.1040, -10.8973,
42.0048

■ 240.2160,
-10.9525, 12.9656

■ 13.5690, -6.1965,
27.5650

■ 254.0880, -3.4944,
0.7998

■ 0.0000, 0.0000,
0.0000

123.0250,
-17.7603, 49.9671

123.0250,
-17.7603, 49.9671

112.1680,
-21.2818, 59.4887

133.8820,
-14.2388, 40.4455

100.7240,
-24.5139, 69.5251

145.3260,
-11.0067, 30.4091

89.8670, -28.0354,
79.0466

156.1830, -7.4852,
20.8875

79.0100, -31.5569,
88.5682

167.0400, -3.9637,
11.3659

69.6690, -34.3468,
96.7603

177.8970, -0.4422,
1.8443

189.3410, 2.7899,
-8.1921

200.1980, 6.3114,
-17.7136

211.0550, 9.8329,

-27.2352

■ 222.4990, 13.0650,
-37.2716

Harmonies

Analogous

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



124.2220, -3.0674, 50.6713



123.0250, -17.7603, 49.9671



121.8910, -28.0473, 36.0526

Triad

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



123.0250, -17.7603, 49.9671



109.1890, -6.9952, -43.1388



118.2110, 33.4200, -32.6340

Complementary

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



123.0250, -17.7603, 49.9671



143.9750, 17.7603, -49.9671

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.



98.5910, 40.1346, -86.4643



123.0250, -17.7603, 49.9671



96.1850, 15.6848, -84.3542

Square

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



123.0250, -17.7603, 49.9671



115.8480, -23.0961, -12.1447



99.1320, 29.5149, -86.9388



125.7600, 24.2753, 7.2265

Rectangle

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



123.0250, -17.7603, 49.9671



120.1190, -30.6247, 22.6976



99.1320, 29.5149, -86.9388



112.7960, 36.0896, -48.9331

Sweetspot

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



123.0250, -17.7603, 49.9671



211.8840, -7.3378, 20.2727



123.8130, 20.7982, 49.2760



103.3390, -4.1111, 11.9807



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



123.0250, -17.7603, 49.9671



145.5680, -27.8880, 78.4319



150.0270, -31.0723, 26.2863



83.8650, -1.9054, 4.5034



59.2480, -29.2093, 82.2205



10.1220, -4.9901, 13.9250

Inverse Universe

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



143.9750, 17.7603, -49.9671



178.4320, 27.8880, -78.4319



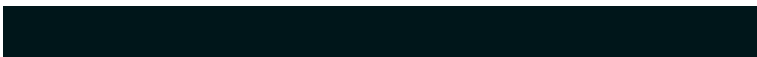
116.9730, 31.0723, -26.2863



85.7220, 1.6161, -5.0182



93.7520, 29.2093, -82.2205



15.8780, 4.9901, -13.9250

Previews

White Background



This preview shows how the YUV color 123.0250, -17.7603, 49.9671 looks on a white 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

Black Background



This preview shows how the YUV color 123.0250, -17.7603, 49.9671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

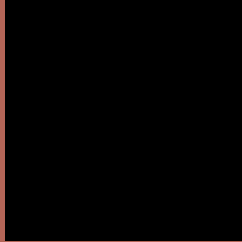
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.0250, -17.7603, 49.9671

Background



This preview shows how black text looks on a background with the YUV color 123.0250, -17.7603, 49.9671.



This preview shows how white text looks on a background with the YUV color 123.0250, -17.7603, 49.9671.

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

123.0250, -17.7603, 49.9671

Protanopia

122.4280, -12.5360, 7.5176

Deuteranopia

122.7950, -19.1259, 21.2278



Tritanopia

123.6150, -9.1772, 50.3266

Trichromacy



Original Color

123.0250, -17.7603, 49.9671

Protanomaly

122.6580, -14.6214, 23.1019

Deuteranomaly

122.9750, -18.7217, 31.5939

Tritanomaly

123.4040, -12.5242, 50.5117

Monochromacy



Original Color

123.0250, -17.7603, 49.9671

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.1010, -6.4588, 18.3284

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0250, -17.7603, 49.9671 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(180, 101, 87)` looks like.

```
.text, #text, p{  
    color:rgb(180, 101, 87)  
}
```

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(180, 101, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 101, 87) }
```

Border

The CSS property to change the border of an element to YUV 123.0250, -17.7603, 49.9671 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(180, 101, 87) }
```


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

```
.border{ border-color:rgb(180, 101, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 101, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 101, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 101, 87);  
box-shadow:4px 4px 4px 4px rgb(180, 101,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 123.0250, -17.7603, 49.9671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 101, 87) }
```

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

```
.background{ background-color: rgb(180,  
101, 87) }
```

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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