

Converting Colors

YUV(125.4930, -17.4980,
59.2036)

Have a look what the booklet for
YUV(125.4930, -17.4980, 59.2036)
contains.

YUV(125.4930, -17.4980, 59.2036)	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(125.4930, -17.4980,
59.2036)**

Conversions

Conversions Part 1

Format	Color
Hex	C1625A
RGB	193, 98, 90
RGB Percent	76%, 38%, 35%
CMY	0.2431, 0.6157, 0.6471
CMYK	0.00, 0.49, 0.53, 0.24
HSL	5°, 45%, 55%
HSV	5°, 53%, 76%
XYZ	28.2055, 20.8110, 12.2032
YIQ	125.4930, 59.1880, 17.6520

Conversions

Conversions Part 2

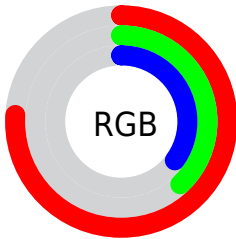
Format	Color
RYB	193, 99, 90
Decimal	12673626
CIELab	52.74, 37.20, 22.09
CIElCh	53, 43.268, 30.704
Yxy	20.8110, 0.4607, 0.3399
Android (android.graphics.Color)	4290863706 (0xFFC1625A)
YUV	125.4930, -17.4980, 59.2036
Hunter-Lab	45.6191, 30.5300, 16.0732

Details

The YUV color **125.4930, -17.4980, 59.2036** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **157.5070, 17.4980, -59.2036**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.2440, -19.8403, 63.8070**, and **73.5570, -14.5716, 53.8855** is the 20% darker color. If you saturate the color by 10%, you get **112.7610, -20.5882, 70.3696**, and if you desaturate by 10%, it is **138.2250, -14.4079, 48.0377**.

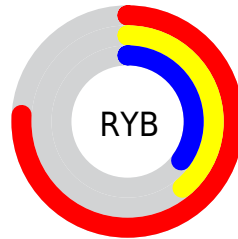
Distribution



Red (76%)

Green (38%)

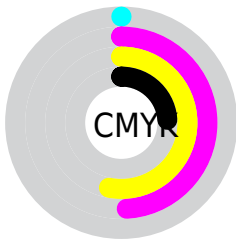
Blue (35%)



Red (76%)

Yellow (39%)

Blue (35%)

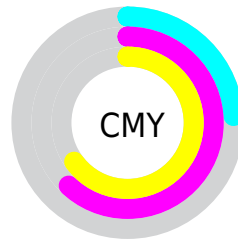


Cyan (0%)

Magenta (49%)

Yellow (53%)

Black (24%)



Cyan (24%)

Magenta (62%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.4930, -17.4980, 59.2036 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 125.4930, -17.4980, 59.2036 by changing the saturation by 10% instead.

■ 125.4930,
-17.4980, 59.2036

■ 125.4930,
-17.4980, 59.2036

■ 255.0000, 0.0000,
0.0000

■ 99.5250, -16.0348,
56.5446

■ 180.2440,
-19.8403, 63.8070

■ 73.5570, -14.5716,
53.8855

■ 199.7690,
-16.1551, 48.4376

■ 47.0560, -11.3666,
52.5709

■ 219.2830,
-12.4645, 31.3238

■ 23.9200, -11.7926,
49.1822

■ 239.4980, -8.6265,
13.5953

■ 15.8470, -7.8126,
32.5832

■ 254.4300, -2.1840,
0.4999

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,

0.0000

■ 125.4930,
-17.4980, 59.2036

■ 125.4930,
-17.4980, 59.2036

■ 112.7610,
-20.5882, 70.3696

■ 138.2250,
-14.4079, 48.0377

■ 99.9150, -24.1151,
81.6355

■ 151.0710,
-10.8810, 36.7717

■ 87.7700, -27.4946,
92.2867

■ 163.2160, -7.5015,
26.1206

■ 75.0380, -30.5847,
103.4527

■ 175.9480, -4.4114,
14.9546

■ 66.5120, -32.7904,
110.9300

■ 188.7940, -0.8844,
3.6887

■ 201.5260, 2.2057,
-7.4773

■ 214.2580, 5.2958,
-18.6433

■ 226.4030, 8.6753,
-29.2944

■ 236.4620, 9.1392,
-38.1162

Harmonies

Analogous

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



127.3630, -0.1790, 57.5636



125.4930, -17.4980, 59.2036



124.7350, -31.4214, 44.9594

Triad

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



125.4930, -17.4980, 59.2036



110.4400, -11.0629, -45.1129



115.2560, 41.7788, -53.7215

Complementary

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



125.4930, -17.4980, 59.2036



157.5070, 17.4980, -59.2036

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.



103.2530, 42.7663, -90.5529



125.4930, -17.4980, 59.2036



98.8920, 13.3642, -86.7283

Square

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



125.4930, -17.4980, 59.2036



118.5620, -29.3641, -8.3859



103.1100, 29.5258, -90.4275



128.3230, 30.4068, 0.5937

Rectangle

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



125.4930, -17.4980, 59.2036



123.0830, -36.0299, 29.7452



103.1100, 29.5258, -90.4275



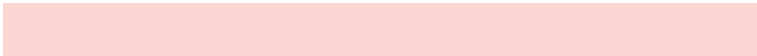
100.7570, 48.4338, -88.3639

Sweetspot

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



125.4930, -17.4980, 59.2036



223.7210, -6.7645, 23.0467



131.7410, 26.7497, 53.7241



109.3500, -4.1165, 13.7251



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



125.4930, -17.4980, 59.2036



144.8840, -27.0578, 92.1867



154.8430, -31.9676, 33.4637



90.5770, -1.7635, 5.6330



55.1830, -27.2052, 92.8015



11.6280, -5.7326, 18.7432

Inverse Universe

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



157.5070, 17.4980, -59.2036



194.5290, 27.3472, -91.6719



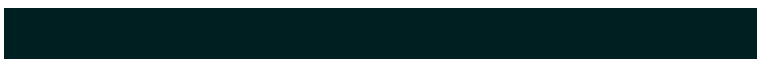
128.1570, 31.9676, -33.4637



93.4230, 1.7635, -5.6330



105.2300, 27.4946, -92.2867



21.9590, 5.4432, -19.2580

Previews

White Background



This preview shows how the YUV color 125.4930, -17.4980, 59.2036 looks on a white background.

Color Contrast Check

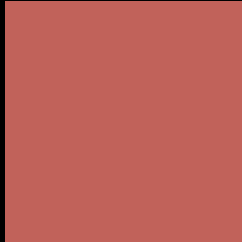
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.4930, -17.4980, 59.2036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

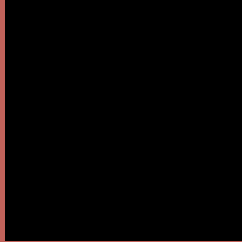
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.4930, -17.4980, 59.2036

Background



This preview shows how black text looks on a background with the YUV color 125.4930, -17.4980, 59.2036.



This preview shows how white text looks on a background with the YUV color 125.4930, -17.4980,

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

125.4930, -17.4980, 59.2036

Protanopia

125.7700, -11.2256, 7.2177

Deuteranopia

125.9800, -19.7101, 21.9425



Tritanopia

126.1000, -11.3883, 59.5483

Trichromacy



Original Color

125.4930, -17.4980, 59.2036

Protanomaly

125.6090, -13.6112, 25.7759

Deuteranomaly

125.8830, -19.1693, 35.1826

Tritanomaly

126.1170, -13.8617, 59.5334

Monochromacy



Original Color

125.4930, -17.4980, 59.2036

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1230, -6.4696, 21.8171

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.4930, -17.4980, 59.2036 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(193, 98, 90)` looks like.

```
.text, #text, p{  
    color:rgb(193, 98, 90)  
}
```

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(193, 98, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 98, 90) }
```

Border

The CSS property to change the border of an element to YUV 125.4930, -17.4980, 59.2036 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(193, 98, 90) }
```


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

```
.border{ border-color:rgb(193, 98, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 98, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 98, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 98, 90);  
box-shadow:4px 4px 4px 4px rgb(193, 98,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 125.4930, -17.4980, 59.2036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 98, 90) }
```

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

```
.background{ background-color: rgb(193, 98,  
90) }
```

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