

Converting Colors

YUV(78.7870, -26.5170,
105.4268)

Have a look what the booklet for
YUV(78.7870, -26.5170, 105.4268)
contains.

YUV(78.7870, -26.5170, 105.4268)	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(78.7870, -26.5170,
105.4268)**

Conversions

Conversions Part 1

Format	Color
Hex	C71C19
RGB	199, 28, 25
RGB Percent	78%, 11%, 10%
CMY	0.2196, 0.8902, 0.9020
CMYK	0.00, 0.86, 0.87, 0.22
HSL	1°, 78%, 44%
HSV	1°, 87%, 78%
XYZ	24.1439, 13.0428, 2.1647
YIQ	78.7870, 102.8790, 35.3190

Conversions

Conversions Part 2

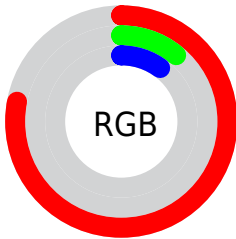
Format	Color
RYB	199, 28, 25
Decimal	13048857
CIELab	42.83, 63.09, 47.25
CIELCh	43, 78.822, 36.828
Yxy	13.0428, 0.6135, 0.3314
Android (android.graphics.Color)	4291238937 (0xFFC71C19)
YUV	78.7870, -26.5170, 105.4268
Hunter-Lab	36.1148, 56.1320, 21.7266

Details

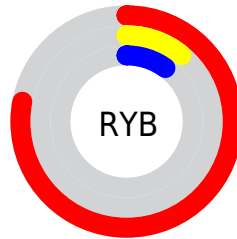
The YUV color **78.7870, -26.5170, 105.4268** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **145.2130, 26.5170, -105.4268**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6310, -33.3421, 101.1786**, and **40.3650, -19.8999, 82.9949** is the 20% darker color. If you saturate the color by 10%, you get **64.7670, -29.4651, 117.7223**, and if you desaturate by 10%, it is **92.8070, -23.5689, 93.1313**.

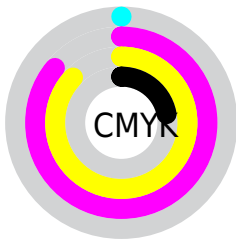
Distribution



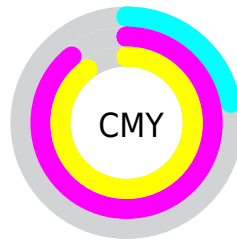
- Red (78%)
- Green (11%)
- Blue (10%)



- Red (78%)
- Yellow (11%)
- Blue (10%)



- Cyan (0%)
- Magenta (86%)
- Yellow (87%)
- Black (22%)





- Cyan (22%)
- Magenta (89%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.7870, -26.5170, 105.4268 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 78.7870, -26.5170, 105.4268 by changing the saturation by 10% instead.


 78.7870, -26.5170,
105.4268

 78.7870, -26.5170,
105.4268


255.0000, 0.0000,
0.0000

 50.0470, -24.1802,
102.5678


 139.6310,
-33.3421, 101.1786

 40.3650, -19.8999,
82.9949


 158.8030,
-30.9619, 84.3648


 31.0960, -15.3303,
63.9368

 178.6760,
-28.4343, 66.9361

 22.3540, -10.0345,
45.2935

 198.6630,
-25.4699, 49.4075


 13.2700, -6.0491,
26.9502


 218.7640,
-22.0687, 31.7790


 0.0000, 0.0000,
0.0000


 238.9790,


-18.2306, 14.0504


 252.1500,
-10.9200, 2.4994


 78.7870, -26.5170,
105.4268


 78.7870, -26.5170,
105.4268


 64.7670, -29.4651,
117.7223


 92.8070, -23.5689,
93.1313

 61.2620, -30.2022,
120.7962

 106.2400,
-20.3313, 81.3505

 120.2600,
-17.3832, 69.0550

 133.6930,
-14.1456, 57.2742

 147.7130,
-11.1975, 44.9787

■ 161.0320, -8.3968,
33.2979

■ 175.0520, -5.4486,
21.0024

■ 188.4850, -2.2111,
9.2217

■ 202.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



73.0500, 8.3564, 120.1051



78.7870, -26.5170, 105.4268



93.9360, -46.3104, 60.5691

Triad

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



78.7870, -26.5170, 105.4268



77.9180, -16.2286, -68.3341



88.7840, 71.0985, -77.8636

Complementary

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



78.7870, -26.5170, 105.4268



145.2130, 26.5170, -105.4268

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.



97.0360, 62.1003, -85.1006



78.7870, -26.5170, 105.4268



87.6590, 13.4791, -76.8769

Square

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



78.7870, -26.5170, 105.4268



77.9370, -38.4229, -42.9177



94.9550, 41.4342, -83.2755



101.1220, 52.1979, 11.2940

Rectangle

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



78.7870, -26.5170, 105.4268



95.2220, -46.9444, 30.5003



94.9550, 41.4342, -83.2755



93.0070, 69.5095, -81.5671

Sweetspot

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



78.7870, -26.5170, 105.4268



209.3210, -10.0183, 40.0605



96.5200, 49.0436, 89.8750



100.5470, -6.1857, 24.0763



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



78.7870, -26.5170, 105.4268



78.5930, -38.7463, 154.7089



129.8560, -51.6940, 60.6393



92.6910, -1.3267, 5.5330



50.4980, -24.8955, 98.6643



11.3510, -5.5960, 21.6172

Inverse Universe

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



145.2130, 26.5170, -105.4268



176.4070, 38.7463, -154.7089



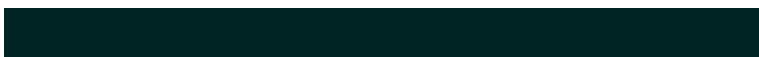
94.1440, 51.6940, -60.6393



96.3090, 1.3267, -5.5330



112.5020, 24.8955, -98.6643



24.6490, 5.5960, -21.6172

Previews

White Background



This preview shows how the YUV color 78.7870, -26.5170, 105.4268 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 × Fail

Black 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

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

YUV 78.7870, -26.5170, 105.4268

Background



This preview shows how black text looks on a background with the YUV color 78.7870, -26.5170, 105.4268.



This preview shows how white text looks on a background with the YUV color 78.7870, -26.5170,

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

78.7870, -26.5170, 105.4268

Protanopia

99.3350, -28.2662, 12.8612

Deuteranopia

95.5100, -47.0864, 29.3707



Tritanopia

78.7870, -26.5170, 105.4268

Trichromacy



Original Color

78.7870, -26.5170, 105.4268

Protanomaly

92.0710, -27.6430, 46.4187

Deuteranomaly

89.3360, -39.6056, 56.7103

Tritanomaly

78.7870, -26.5170, 105.4268

Monochromacy



Original Color

78.7870, -26.5170, 105.4268

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7230, -9.7234, 38.8309

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7870, -26.5170, 105.4268 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(199, 28, 25)` looks like.

```
.text, #text, p{  
    color:rgb(199, 28, 25)  
}
```

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(199, 28, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 28, 25) }
```

Border

The CSS property to change the border of an element to YUV 78.7870, -26.5170, 105.4268 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(199, 28, 25) }
```


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

```
.border{ border-color:rgb(199, 28, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 28, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 28, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 28, 25);  
box-shadow:4px 4px 4px 4px rgb(199, 28,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 78.7870, -26.5170, 105.4268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 28, 25) }
```

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

```
.background{ background-color: rgb(199, 28,  
25) }
```

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