

Converting Colors

YUV(87.6530, -10.1819,
45.9083)

Have a look what the booklet for
YUV(87.6530, -10.1819, 45.9083)
contains.

YUV(87.6530, -10.1819, 45.9083)	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(87.6530, -10.1819,
45.9083)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4143
RGB	140, 65, 67
RGB Percent	55%, 25%, 26%
CMY	0.4510, 0.7451, 0.7373
CMYK	0.00, 0.54, 0.52, 0.45
HSL	358°, 37%, 40%
HSV	358°, 54%, 55%
XYZ	13.7186, 9.7613, 6.4713
YIQ	87.6530, 44.0580, 16.5220

Conversions

Conversions Part 2

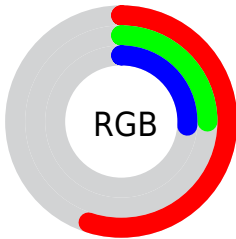
Format	Color
RYB	140, 65, 67
Decimal	9191747
CIELab	37.41, 32.06, 14.04
CIElCh	37, 34.998, 23.646
Yxy	9.7613, 0.4580, 0.3259
Android (android.graphics.Color)	4287381827 (0xFF8C4143)
YUV	87.6530, -10.1819, 45.9083
Hunter-Lab	31.2431, 23.7029, 9.5896

Details

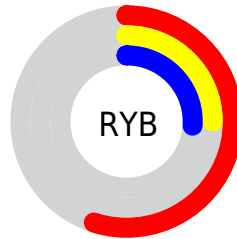
The YUV color **87.6530, -10.1819, 45.9083** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **117.3470, 10.1819, -45.9083**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5180, -12.0874, 50.4117**, and **37.8420, -6.8241, 42.2346** is the 20% darker color. If you saturate the color by 10%, you get **77.8390, -12.2456, 54.5152**, and if you desaturate by 10%, it is **97.4670, -8.1182, 37.3014**.

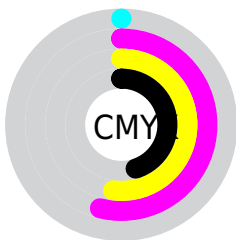
Distribution



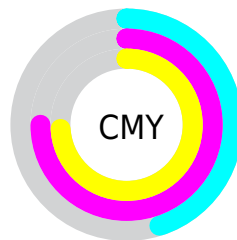
- Red (55%)
- Green (25%)
- Blue (26%)



- Red (55%)
- Yellow (25%)
- Blue (26%)



- Cyan (0%)
- Magenta (54%)
- Yellow (52%)
- Black (45%)



- Cyan (45%)
- Magenta (75%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6530, -10.1819, 45.9083 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 87.6530, -10.1819, 45.9083 by changing the saturation by 10% instead.

■ 87.6530, -10.1819,
45.9083

■ 87.6530, -10.1819,
45.9083

■ 255.0000, 0.0000,
0.0000

■ 62.9840, -8.8661,
43.8640

■ 139.5180,
-12.0874, 50.4117

■ 37.8420, -6.8241,
42.2346

■ 166.3010,
-12.9664, 52.3560

■ 17.9400, -8.8444,
36.8866

■ 193.8990,
-13.2612, 53.5856

■ 10.5790, -4.7224,
21.4172

■ 213.4130, -9.5706,
36.4718

■ 0.0000, 0.0000,
0.0000

■ 233.0410, -5.4432,
19.2580

■ 253.2560, -1.6052,

1.5295

■ 87.6530, -10.1819,
45.9083

■ 87.6530, -10.1819,
45.9083

■ 77.8390, -12.2456,
54.5152

■ 97.4670, -8.1182,
37.3014

■ 68.1390, -13.8725,
63.0221

■ 107.1670, -6.4913,
28.7945

■ 58.3250, -15.9362,
71.6290

■ 116.9810, -4.4276,
20.1877

■ 48.5110, -17.9999,
80.2359

■ 126.7950, -2.3639,
11.5808

■ 42.3160, -18.8898,
85.6689

■ 136.4950, -0.7370,
3.0739

■ 146.3090, 1.3267,
-5.5330

■ 156.0090, 2.9536,
-14.0399

■ 165.8230, 5.0173,
-22.6468

■ 175.6370, 7.0810,
-31.2536

Harmonies

Analogous

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



89.3610, 2.7800, 41.7794



87.6530, -10.1819, 45.9083



87.2100, -21.7955, 37.5268

Triad

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



87.6530, -10.1819, 45.9083



78.2080, -12.4275, -27.3694



71.0070, 35.9855, -62.2731

Complementary

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



87.6530, -10.1819, 45.9083



117.3470, 10.1819, -45.9083

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.



73.2750, 29.4444, -64.2622



87.6530, -10.1819, 45.9083



69.1080, 5.8628, -60.6077

Square

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



87.6530, -10.1819, 45.9083



82.8710, -24.5864, -0.7639



72.4140, 18.5299, -63.5071



88.3020, 25.4871, -8.1579

Rectangle

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



87.6530, -10.1819, 45.9083



86.1780, -26.7098, 27.0309



72.4140, 18.5299, -63.5071



71.9530, 34.5332, -63.1028

Sweetspot

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



87.6530, -10.1819, 45.9083



160.7850, -3.8380, 17.7286



95.3770, 21.9991, 37.3804



79.4960, -2.2165, 10.9660



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



87.6530, -10.1819, 45.9083



100.0260, -15.7888, 71.0142



107.9700, -21.1842, 28.0903



64.0930, -1.0318, 4.3034



40.2230, -17.8579, 81.3654



1.4950, -0.7370, 3.0739

Inverse Universe

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



87.6530, -10.1819, 45.9083



100.0260, -15.7888, 71.0142



97.0300, 21.1842, -28.0903



64.0930, -1.0318, 4.3034



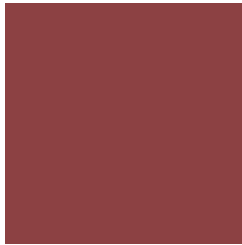
40.2230, -17.8579, 81.3654



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 87.6530, -10.1819, 45.9083 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 87.6530, -10.1819, 45.9083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

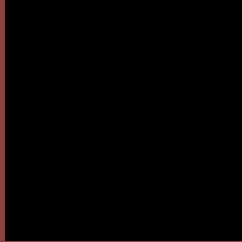
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.6530, -10.1819, 45.9083

Background



This preview shows how black text looks on a background with the YUV color 87.6530, -10.1819, 45.9083.

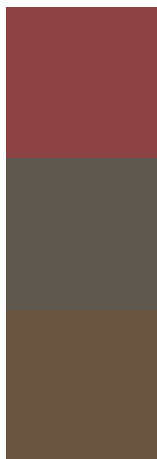


This preview shows how white text looks on a background with the YUV color 87.6530, -10.1819,

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

87.6530, -10.1819, 45.9083

Protanopia

88.3550, -5.1050, 4.0737

Deuteranopia

88.5860, -12.1209, 14.3951



Tritanopia

87.8810, -9.3083, 45.7084

Trichromacy



Original Color

87.6530, -10.1819, 45.9083

Protanomaly

88.2860, -7.0430, 19.0432

Deuteranomaly

88.4780, -11.5747, 25.8908

Tritanomaly

87.7670, -9.7451, 45.8083

Monochromacy



Original Color

87.6530, -10.1819, 45.9083

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0730, -3.9800, 16.5990

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6530, -10.1819, 45.9083 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(140, 65, 67)` looks like.

```
.text, #text, p{  
    color:rgb(140, 65, 67)  
}
```

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(140, 65, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 65, 67) }
```

Border

The CSS property to change the border of an element to YUV 87.6530, -10.1819, 45.9083 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(140, 65, 67) }
```


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

```
.border{ border-color:rgb(140, 65, 67) }
```

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

Here you see how a box with a 4 pixel rgb(140, 65, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 65, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 65, 67);  
box-shadow:4px 4px 4px 4px rgb(140, 65,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 87.6530, -10.1819, 45.9083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 65, 67) }
```

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

```
.background{ background-color: rgb(140, 65,  
67) }
```

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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