

Converting Colors

YUV(86.8290, -17.1707,
47.5080)

Have a look what the booklet for
YUV(86.8290, -17.1707, 47.5080)
contains.

YUV(86.8290, -17.1707, 47.5080)	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(86.8290, -17.1707,
47.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	8D4234
RGB	141, 66, 52
RGB Percent	55%, 26%, 20%
CMY	0.4471, 0.7412, 0.7961
CMYK	0.00, 0.53, 0.63, 0.45
HSL	9°, 46%, 38%
HSV	9°, 63%, 55%
XYZ	13.5526, 9.8071, 4.4275
YIQ	86.8290, 49.1940, 11.5460

Conversions

Conversions Part 2

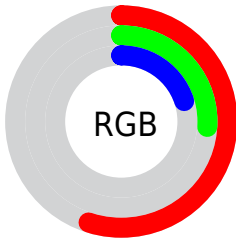
Format	Color
R_{YB}	141, 69, 52
Decimal	9257524
CIE _{Lab}	37.49, 30.64, 23.46
CIE _{LCh}	37, 38.586, 37.438
Yxy	9.8071, 0.4877, 0.3529
Android (android.graphics.Color)	4287447604 (0xFF8D4234)
YUV	86.8290, -17.1707, 47.5080
Hunter-Lab	31.3163, 22.4449, 13.5390

Details

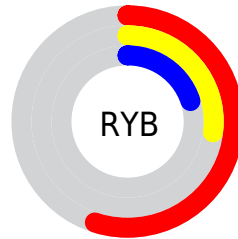
The YUV color **86.8290, -17.1707, 47.5080** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **106.1710, 17.1707, -47.5080**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5800, -19.5129, 52.1113**, and **37.1920, -14.3917, 42.8046** is the 20% darker color. If you saturate the color by 10%, you get **78.1890, -19.8132, 55.0852**, and if you desaturate by 10%, it is **95.4690, -14.5282, 39.9307**.

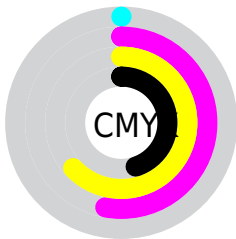
Distribution



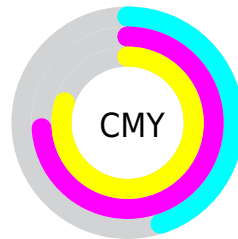
- Red (55%)
- Green (26%)
- Blue (20%)



- Red (55%)
- Yellow (27%)
- Blue (20%)



- Cyan (0%)
- Magenta (53%)
- Yellow (63%)
- Black (45%)





- Cyan (45%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.8290, -17.1707, 47.5080 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 86.8290, -17.1707, 47.5080 by changing the saturation by 10% instead.


 86.8290, -17.1707,
47.5080


 86.8290, -17.1707,
47.5080


255.0000, 0.0000,
0.0000

 61.8610, -15.7075,
44.8489


 138.5800,
-19.5129, 52.1113


 37.1920, -14.3917,
42.8046

 165.6620,
-20.5394, 54.6704


 17.6410, -8.6970,
36.2718

 192.5480,
-20.9762, 54.7704

 10.2800, -4.5750,
20.8024

 211.3610,
-17.4330, 38.2714

 0.0000, 0.0000,
0.0000

 231.5760,
-13.5950, 20.5428

 251.7910, -9.7570,

2.8143

■ 86.8290, -17.1707,
47.5080

■ 86.8290, -17.1707,
47.5080

■ 78.1890, -19.8132,
55.0852

■ 95.4690, -14.5282,
39.9307

■ 69.5490, -22.4557,
62.6625

■ 104.1090,
-11.8857, 32.3534

■ 60.9090, -25.0981,
70.2398

■ 112.7490, -9.2433,
24.7761

■ 55.0730, -27.1510,
75.3580

■ 121.3890, -6.6008,
17.1988

■ 129.5560, -3.2321,
10.0364

■ 138.1960, -0.5896,
2.4591

■ 146.8360, 2.0529,
-5.1182

■ 155.4760, 4.6953,
-12.6955

■ 164.1160, 7.3378,
-20.2727

Harmonies

Analogous

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



87.9230, -2.9200, 50.0565



86.8290, -17.1707, 47.5080



86.1680, -28.1838, 33.1787

Triad

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



86.8290, -17.1707, 47.5080



67.3550, -2.1470, -58.1933



81.0040, 34.0150, -36.8375

Complementary

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



86.8290, -17.1707, 47.5080



106.1710, 17.1707, -47.5080

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.



74.0560, 34.9754, -64.9471



86.8290, -17.1707, 47.5080



71.2910, 11.6885, -62.5222

Square

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



86.8290, -17.1707, 47.5080



80.4780, -21.9277, -13.5742



74.1240, 25.0819, -65.0067



90.8310, 23.2543, 8.0412

Rectangle

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



86.8290, -17.1707, 47.5080



84.8690, -31.4874, 19.4089



74.1240, 25.0819, -65.0067



71.6910, 38.6063, -62.8730

Sweetspot

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



86.8290, -17.1707, 47.5080



162.4000, -6.6062, 18.9432



87.2750, 20.0774, 47.1168



79.0400, -3.9637, 11.3659



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.



86.8290, -17.1707, 47.5080



98.7740, -27.0036, 74.7432



112.6570, -29.9039, 24.8568



66.6800, -1.3212, 3.7886



52.6920, -25.9772, 72.1841



2.9790, -1.4686, 4.4034

Inverse Universe

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



106.1710, 17.1707, -47.5080



129.2260, 27.0036, -74.7432



80.3430, 29.9039, -24.8568



68.3200, 1.3212, -3.7886



82.3080, 25.9772, -72.1841



4.4340, 1.7580, -3.8886

Previews

White Background



This preview shows how the YUV color 86.8290, -17.1707, 47.5080 looks on a white background.

Color Contrast Check

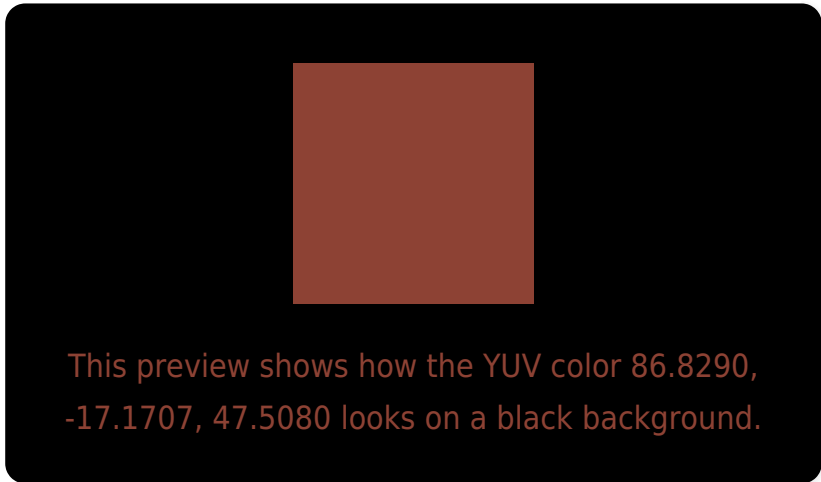
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.8290, -17.1707, 47.5080

Background



This preview shows how black text looks on a background with the YUV color 86.8290, -17.1707, 47.5080.

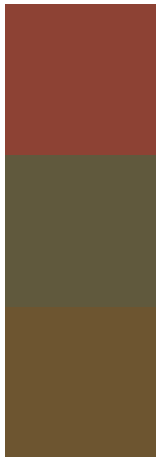


This preview shows how white text looks on a background with the YUV color 86.8290, -17.1707,

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

86.8290, -17.1707, 47.5080

Protanopia

87.9010, -13.2622, 7.1028

Deuteranopia

87.9580, -19.6993, 18.4538



Tritanopia

87.7780, -9.7506, 47.5527

Trichromacy



Original Color

86.8290, -17.1707, 47.5080

Protanomaly

87.6470, -14.6160, 21.3576

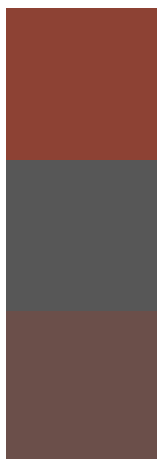
Deuteranomaly

87.5510, -19.0056, 29.3348

Tritanomaly

87.6810, -12.6607, 47.6378

Monochromacy



Original Color

86.8290, -17.1707, 47.5080

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8020, -6.3114, 17.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8290, -17.1707, 47.5080 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(141, 66, 52)` looks like.

```
.text, #text, p{  
    color:rgb(141, 66, 52)  
}
```

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(141, 66, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 66, 52) }
```

Border

The CSS property to change the border of an element to YUV 86.8290, -17.1707, 47.5080 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(141, 66, 52) }
```


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

```
.border{ border-color:rgb(141, 66, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 66, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 66, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 66, 52);  
box-shadow:4px 4px 4px 4px rgb(141, 66,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 86.8290, -17.1707, 47.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 66, 52) }
```

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

```
.background{ background-color: rgb(141, 66,  
52) }
```

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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