

Converting Colors

YUV(69.8290, -17.1707,
47.5080)

Have a look what the booklet for
YUV(69.8290, -17.1707, 47.5080)
contains.

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Color

**YUV(69.8290, -17.1707,
47.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	7C3123
RGB	124, 49, 35
RGB Percent	49%, 19%, 14%
CMY	0.5137, 0.8078, 0.8627
CMYK	0.00, 0.60, 0.72, 0.51
HSL	9°, 56%, 31%
HSV	9°, 72%, 49%
XYZ	9.7139, 6.6031, 2.3526
YIQ	69.8290, 49.1940, 11.5460

Conversions

Conversions Part 2

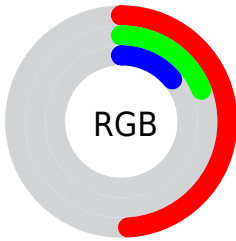
Format	Color
R_{YB}	124, 52, 35
Decimal	8139043
CIE _{Lab}	30.89, 31.68, 25.13
CIE _{LCh}	31, 40.435, 38.429
Yxy	6.6031, 0.5203, 0.3537
Android (android.graphics.Color)	4286329123 (0xFF7C3123)
YUV	69.8290, -17.1707, 47.5080
Hunter-Lab	25.6964, 22.5086, 12.5592

Details

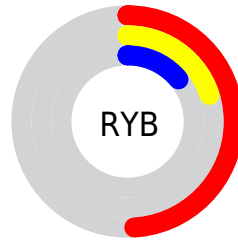
The YUV color **69.8290, -17.1707, 47.5080** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **89.1710, 17.1707, -47.5080**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7650, -20.0971, 52.8261**, and **20.6310, -10.1711, 42.4196** is the 20% darker color. If you saturate the color by 10%, you get **62.5910, -19.5184, 53.8557**, and if you desaturate by 10%, it is **77.0670, -14.8230, 41.1602**.

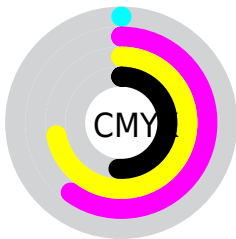
Distribution



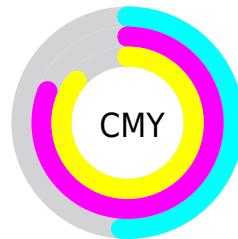
- Red (49%)
- Green (19%)
- Blue (14%)



- Red (49%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (60%)
- Yellow (72%)
- Black (51%)



- Cyan (51%)
- Magenta (81%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.8290, -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 69.8290, -17.1707, 47.5080 by changing the saturation by 10% instead.

■ 69.8290, -17.1707,
47.5080

■ 69.8290, -17.1707,
47.5080

■ 255.0000, 0.0000,
0.0000

■ 44.9750, -15.2707,
44.7489

■ 120.7650,
-20.0971, 52.8261

■ 20.6310, -10.1711,
42.4196

■ 147.4340,
-21.4130, 54.8704

■ 13.5690, -6.1965,
27.5650

■ 174.6300,
-22.0026, 57.3295

■ 0.0000, 0.0000,
0.0000

■ 197.9280,
-20.6705, 50.0521

■ 217.4420,
-16.9799, 32.9384

■ 237.5430,

-13.5787, 15.3098

253.1760, -6.9888,
1.5996

69.8290, -17.1707,
47.5080

69.8290, -17.1707,
47.5080

62.5910, -19.5184,
53.8557

77.0670, -14.8230,
41.1602

54.6520, -22.0134,
60.8182

85.0060, -12.3280,
34.1977

48.8160, -24.0663,
65.9364

92.2440, -9.9803,
27.8500

100.1830, -7.4852,
20.8875

107.4210, -5.1376,
14.5398

■ 115.2460, -3.0793,
7.6773

■ 122.5980, -0.2948,
1.2296

■ 130.4230, 1.7635,
-5.6330

■ 137.7750, 4.5479,
-12.0807

Harmonies

Analogous

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



70.0480, -2.4887, 51.7009



69.8290, -17.1707, 47.5080



69.5870, -30.3624, 31.9342

Triad

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



69.8290, -17.1707, 47.5080



55.9540, -3.9213, -49.0717



58.8390, 37.5474, -49.8478

Complementary

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



69.8290, -17.1707, 47.5080



89.1710, 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.



63.0680, 33.4905, -55.3106



69.8290, -17.1707, 47.5080



60.3030, 10.2036, -52.8857

Square

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



69.8290, -17.1707, 47.5080



63.9400, -22.6484, -15.7334



63.1360, 23.5970, -55.3703



74.6570, 23.8331, 9.0708

Rectangle

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



69.8290, -17.1707, 47.5080



68.2880, -33.6660, 18.1644



63.1360, 23.5970, -55.3703



60.7030, 37.1214, -53.2365

Sweetspot

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



69.8290, -17.1707, 47.5080



139.2860, -7.0430, 19.0432



70.2750, 20.0774, 47.1168



68.9260, -4.4005, 11.4659



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



69.8290, -17.1707, 47.5080



76.4750, -26.8562, 74.1284



95.6570, -29.9039, 24.8568



57.3810, -1.1738, 3.1739



49.1150, -24.2137, 66.5511



98.8280, -48.7222, 134.3318

Inverse Universe

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



89.1710, 17.1707, -47.5080



106.5250, 26.8562, -74.1284



63.3430, 29.9039, -24.8568



58.6190, 1.1738, -3.1739



75.8850, 24.2137, -66.5511



153.7590, 48.4328, -134.8466

Previews

White Background



This preview shows how the YUV color 69.8290, -17.1707, 47.5080 looks on a white background.

Color Contrast Check

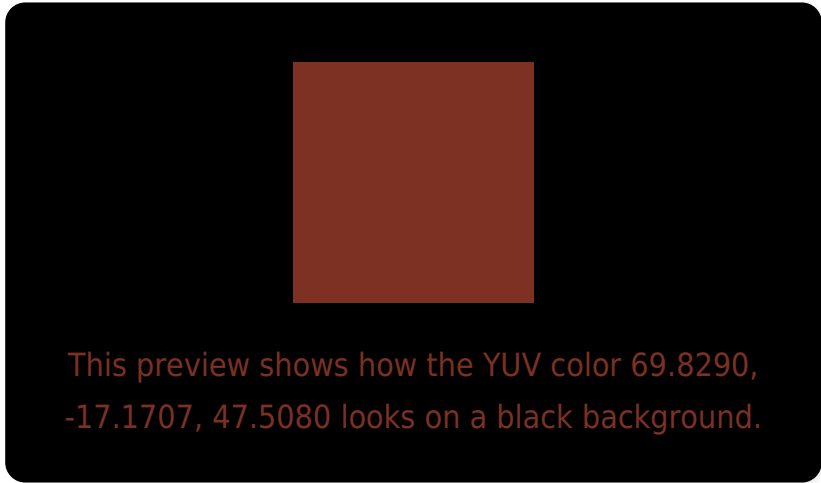
Large Text (above 18pt) WCAG AA ✓ Pass

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

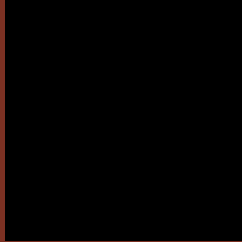
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.8290, -17.1707, 47.5080

Background



This preview shows how black text looks on a background with the YUV color 69.8290, -17.1707, 47.5080.

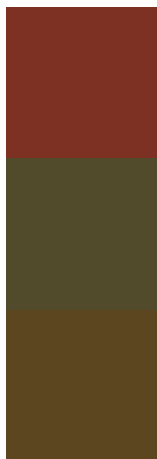


This preview shows how white text looks on a background with the YUV color 69.8290, -17.1707,

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

69.8290, -17.1707, 47.5080

Protanopia

72.5590, -14.5726, 7.4028

Deuteranopia

71.8330, -20.1307, 16.8095



Tritanopia

70.6640, -10.1874, 47.6527

Trichromacy



Original Color

69.8290, -17.1707, 47.5080

Protanomaly

71.7180, -15.6370, 22.1723

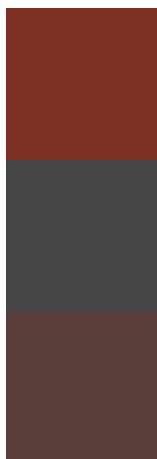
Deuteranomaly

70.8390, -19.1476, 28.2052

Tritanomaly

70.6810, -12.6607, 47.6378

Monochromacy



Original Color

69.8290, -17.1707, 47.5080

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8020, -6.3114, 17.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.8290, -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(124, 49, 35)` looks like.

```
.text, #text, p{  
    color:rgb(124, 49, 35)  
}
```

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(124, 49, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 49, 35) }
```

Border

The CSS property to change the border of an element to YUV 69.8290, -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(124, 49, 35) }
```


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

```
.border{ border-color:rgb(124, 49, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 49, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 49, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 49, 35);  
box-shadow:4px 4px 4px 4px rgb(124, 49,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 69.8290, -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(124, 49, 35) }
```

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

```
.background{ background-color: rgb(124, 49,  
35) }
```

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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