

Converting Colors

YUV(84.5700, -17.5360,
71.4141)

Have a look what the booklet for
YUV(84.5700, -17.5360, 71.4141)
contains.

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Color

**YUV(84.5700, -17.5360,
71.4141)**

Conversions

Conversions Part 1

Format	Color
Hex	A63231
RGB	166, 50, 49
RGB Percent	65%, 20%, 19%
CMY	0.3490, 0.8039, 0.8078
CMYK	0.00, 0.70, 0.70, 0.35
HSL	1°, 54%, 42%
HSV	1°, 70%, 65%
XYZ	17.4209, 10.6099, 4.0355
YIQ	84.5700, 69.4570, 24.2810

Conversions

Conversions Part 2

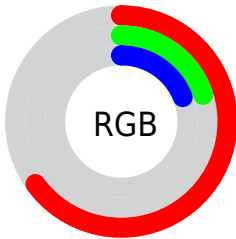
Format	Color
R_{YB}	166, 50, 49
Decimal	10891825
CIE _{Lab}	38.92, 47.31, 28.00
CIE _{LCh}	39, 54.978, 30.617
Yxy	10.6099, 0.5433, 0.3309
Android (android.graphics.Color)	4289081905 (0xFFA63231)
YUV	84.5700, -17.5360, 71.4141
Hunter-Lab	32.5729, 38.4640, 15.4556

Details

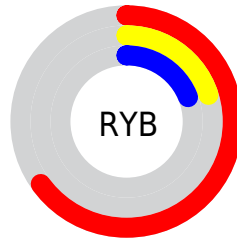
The YUV color **84.5700, -17.5360, 71.4141** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **130.4300, 17.5360, -71.4141**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.7510, -22.0622, 76.5174**, and **32.4490, -14.0254, 65.3812** is the 20% darker color. If you saturate the color by 10%, you get **73.2400, -20.3313, 81.3505**, and if you desaturate by 10%, it is **95.9000, -14.7407, 61.4777**.

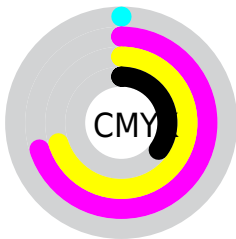
Distribution



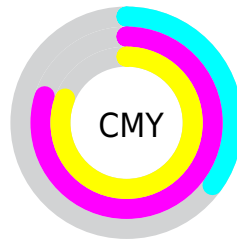
- Red (65%)
- Green (20%)
- Blue (19%)



- Red (65%)
- Yellow (20%)
- Blue (19%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (35%)





- Cyan (35%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.5700, -17.5360, 71.4141 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 84.5700, -17.5360, 71.4141 by changing the saturation by 10% instead.


 84.5700, -17.5360,
71.4141


 84.5700, -17.5360,
71.4141


255.0000, 0.0000,
0.0000

 55.0090, -13.3154,
71.0291


 139.7510,
-22.0622, 76.5174


 32.4490, -14.0254,
65.3812

 166.2350,
-22.7939, 77.8469


 23.3220, -11.4977,
47.9526

 185.6350,
-19.5401, 60.8331

 15.7760, -6.7916,
31.7684

 205.1490,
-15.8495, 43.7193

 0.0000, 0.0000,
0.0000

 224.6630,
-12.1589, 26.6055

 244.8780, -8.3209,

8.8770

■ 84.5700, -17.5360,
71.4141

■ 84.5700, -17.5360,
71.4141

■ 73.2400, -20.3313,
81.3505

■ 95.9000, -14.7407,
61.4777

■ 61.4370, -22.4004,
91.7018

■ 107.7030,
-12.6716, 51.1265

■ 50.2210, -24.7590,
101.5382

■ 119.0330, -9.8763,
41.1901

■ 130.8360, -7.8071,
30.8388

■ 142.1660, -5.0118,
20.9024

■ 154.0830, -2.5059,
10.4512

■ 165.2990, -0.1474,
0.6148

■ 177.2160, 2.3585,
-9.8364

■ 188.4320, 4.7170,
-19.6729

Harmonies

Analogous

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



84.3140, 4.2822, 73.3926



84.5700, -17.5360, 71.4141



85.9610, -40.8998, 51.7772

Triad

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



84.5700, -17.5360, 71.4141



68.5260, -11.5983, -60.0973



77.6870, 51.4263, -68.1315

Complementary

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



84.5700, -17.5360, 71.4141



130.4300, 17.5360, -71.4141

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.



82.0750, 42.8540, -71.9798



84.5700, -17.5360, 71.4141



75.5310, 7.6262, -66.2407

Square

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



84.5700, -17.5360, 71.4141



79.6080, -39.2467, -11.9342



80.6610, 27.2821, -70.7397



92.2500, 37.8377, -2.8502

Rectangle

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



84.5700, -17.5360, 71.4141



86.6720, -42.7293, 31.8597



80.6610, 27.2821, -70.7397



79.8070, 49.3951, -69.9907

Sweetspot

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



84.5700, -17.5360, 71.4141



185.3410, -7.0701, 27.7649



97.3210, 33.8587, 60.2315



90.3720, -4.1274, 17.2138



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



84.5700, -17.5360, 71.4141



88.6030, -27.4123, 112.6042



118.0290, -34.0313, 42.0706



78.3920, -1.1793, 4.9182



44.8390, -22.1056, 90.4722



5.9800, -2.9481, 12.2955

Inverse Universe

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



130.4300, 17.5360, -71.4141



160.8100, 27.7017, -112.0894



96.3840, 34.3207, -41.5558



81.6080, 1.1793, -4.9182



103.1610, 22.1056, -90.4722



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 84.5700, -17.5360, 71.4141 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



This preview shows how the YUV color 84.5700, -17.5360, 71.4141 looks on a 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 84.5700, -17.5360, 71.4141

Background



This preview shows how black text looks on a background with the YUV color 84.5700, -17.5360, 71.4141.



This preview shows how white text looks on a background with the YUV color 84.5700, -17.5360,

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

84.5700, -17.5360, 71.4141

Protanopia

91.7870, -13.6990, 7.2028

Deuteranopia

90.8290, -24.0727, 21.1980



Tritanopia

84.9120, -16.2256, 71.1142

Trichromacy



Original Color

84.5700, -17.5360, 71.4141

Protanomaly

89.0010, -14.7905, 30.6941

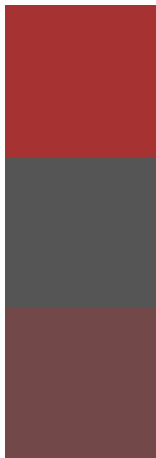
Deuteranomaly

88.6340, -21.5116, 39.7860

Tritanomaly

84.7980, -16.6624, 71.2142

Monochromacy



Original Color

84.5700, -17.5360, 71.4141

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.5580, -6.1911, 25.8206

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5700, -17.5360, 71.4141 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(166, 50, 49)` looks like.

```
.text, #text, p{  
    color:rgb(166, 50, 49)  
}
```

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(166, 50, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 50, 49) }
```

Border

The CSS property to change the border of an element to YUV 84.5700, -17.5360, 71.4141 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(166, 50, 49) }
```


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

```
.border{ border-color:rgb(166, 50, 49) }
```

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

Here you see how a box with a 4 pixel rgb(166, 50, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 50, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 50, 49);  
box-shadow:4px 4px 4px 4px rgb(166, 50,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 84.5700, -17.5360, 71.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 50, 49) }
```

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

```
.background{ background-color: rgb(166, 50,  
49) }
```

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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