

Converting Colors

YUV(85.8460, -29.5041,
83.4501)

Have a look what the booklet for
YUV(85.8460, -29.5041, 83.4501)
contains.

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Color

**YUV(85.8460, -29.5041,
83.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	B5311A
RGB	181, 49, 26
RGB Percent	71%, 19%, 10%
CMY	0.2902, 0.8078, 0.8980
CMYK	0.00, 0.73, 0.86, 0.29
HSL	9°, 75%, 41%
HSV	9°, 86%, 71%
XYZ	20.3408, 12.0950, 2.2398
YIQ	85.8460, 86.0550, 20.8310

Conversions

Conversions Part 2

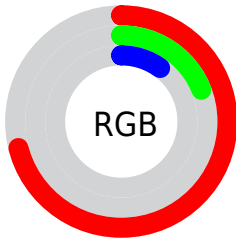
Format	Color
R_{YB}	181, 53, 26
Decimal	11874586
CIE _{Lab}	41.37, 51.80, 44.11
CIE _{LCh}	41, 68.039, 40.412
Yxy	12.0950, 0.5866, 0.3488
Android (android.graphics.Color)	4290064666 (0xFFB5311A)
YUV	85.8460, -29.5041, 83.4501
Hunter-Lab	34.7778, 43.5398, 20.5261

Details

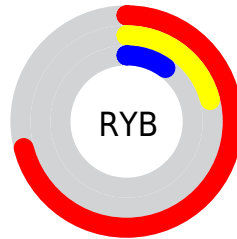
The YUV color **85.8460, -29.5041, 83.4501** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **121.1540, 29.5041, -83.4501**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3260, -34.1777, 89.1681**, and **35.8800, -17.6888, 73.7732** is the 20% darker color. If you saturate the color by 10%, you get **74.9890, -33.0256, 92.9716**, and if you desaturate by 10%, it is **96.7030, -25.9826, 73.9285**.

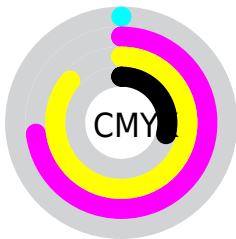
Distribution



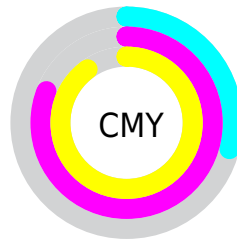
- Red (71%)
- Green (19%)
- Blue (10%)



- Red (71%)
- Yellow (21%)
- Blue (10%)



- Cyan (0%)
- Magenta (73%)
- Yellow (86%)
- Black (29%)



- Cyan (29%)
- Magenta (81%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.8460, -29.5041, 83.4501 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 85.8460, -29.5041, 83.4501 by changing the saturation by 10% instead.

■ 85.8460, -29.5041,
83.4501

■ 85.8460, -29.5041,
83.4501

255.0000, 0.0000,
0.0000

■ 53.2960, -25.2889,
84.8094

■ 142.3260,
-34.1777, 89.1681

■ 35.8800, -17.6888,
73.7732

■ 164.7870,
-33.4190, 79.1168

■ 26.6110, -13.1192,
54.7152

■ 183.6000,
-29.8758, 62.6178

■ 18.7660, -8.2656,
37.9162

■ 203.0000,
-26.6220, 45.6040

■ 8.4860, -3.6906,
17.1138

■ 223.1010,
-23.2208, 27.9754

■ 0.0000, 0.0000,
0.0000

■ 243.2020,

-19.8196, 10.3468

■ 252.3780,
-10.0464, 2.2995

■ 85.8460, -29.5041,
83.4501

■ 85.8460, -29.5041,
83.4501

■ 74.9890, -33.0256,
92.9716

■ 96.7030, -25.9826,
73.9285

■ 69.9680, -34.4942,
97.3751

■ 108.1470,
-22.7505, 63.8921

■ 119.0040,
-19.2290, 54.3705

■ 130.4480,
-15.9969, 44.3341

■ 141.4190,
-12.0386, 34.7125

■ 152.2760, -8.5171,
25.1909

■ 163.7200, -5.2850,
15.1546

■ 174.5770, -1.7635,
5.6330

■ 186.0210, 1.4686,
-4.4034

Harmonies

Analogous

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



71.0500, 4.9054, 106.9502



85.8460, -29.5041, 83.4501



91.7990, -45.2569, 49.2883

Triad

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



85.8460, -29.5041, 83.4501



76.3510, -9.5400, -66.9598



81.9390, 62.6411, -71.8605

Complementary

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



85.8460, -29.5041, 83.4501



121.1540, 29.5041, -83.4501

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.



90.1740, 56.1162, -79.0826



85.8460, -29.5041, 83.4501



84.2510, 15.6523, -73.8881

Square

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



85.8460, -29.5041, 83.4501



75.6000, -37.2708, -39.1142



89.7060, 39.0919, -78.6722



99.4190, 41.6984, 18.9265

Rectangle

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



85.8460, -29.5041, 83.4501



91.9330, -45.3230, 23.7378



89.7060, 39.0919, -78.6722



85.6890, 61.7783, -75.1493

Sweetspot

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



85.8460, -29.5041, 83.4501



197.5220, -11.5963, 32.8682



87.6210, 35.6828, 81.8934



94.6990, -6.7536, 19.5580



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



85.8460, -29.5041, 83.4501



90.8100, -44.7693, 126.4546



129.8710, -51.2084, 44.8401



83.8650, -1.9054, 4.5034



59.2480, -29.2093, 82.2205



10.1220, -4.9901, 13.9250

Inverse Universe

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



121.1540, 29.5041, -83.4501



144.1900, 44.7693, -126.4546



77.1290, 51.2084, -44.8401



85.7220, 1.6161, -5.0182



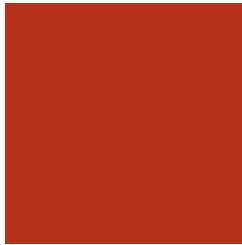
93.7520, 29.2093, -82.2205



15.8780, 4.9901, -13.9250

Previews

White Background



This preview shows how the YUV color 85.8460, -29.5041, 83.4501 looks on a white background.

Color Contrast Check

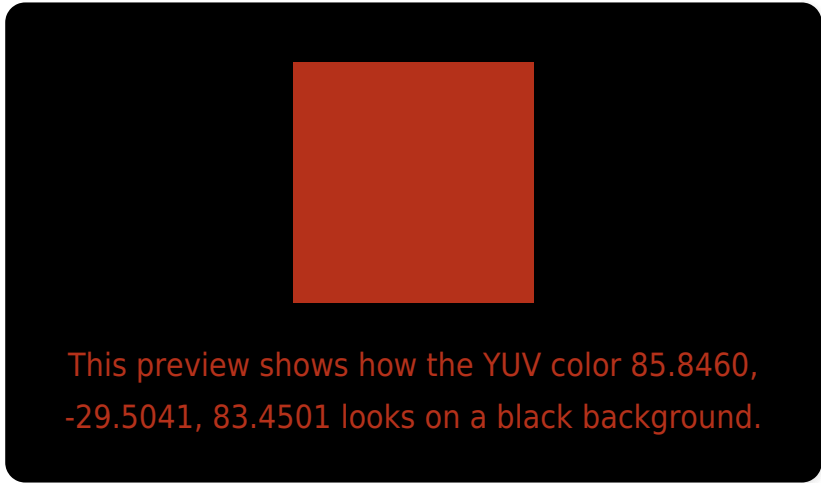
Large Text (above 18pt) WCAG AA ✓ Pass

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

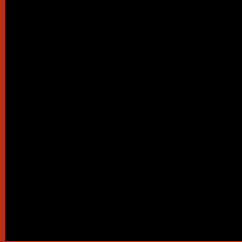
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.8460, -29.5041, 83.4501

Background



This preview shows how black text looks on a background with the YUV color 85.8460, -29.5041, 83.4501.



This preview shows how white text looks on a background with the YUV color 85.8460, -29.5041,

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

85.8460, -29.5041, 83.4501

Protanopia

95.3350, -28.2662, 12.8612

Deuteranopia

91.9660, -45.3392, 28.9708



Tritanopia

87.4790, -19.4631, 82.8949

Trichromacy



Original Color

85.8460, -29.5041, 83.4501

Protanomaly

92.0870, -28.6369, 38.5117

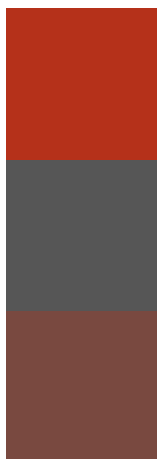
Deuteranomaly

89.5800, -39.7259, 48.6033

Tritanomaly

87.1540, -23.2469, 83.1799

Monochromacy



Original Color

85.8460, -29.5041, 83.4501

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.3260, -11.0067, 30.4091

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8460, -29.5041, 83.4501 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(181, 49, 26)` looks like.

```
.text, #text, p{  
    color:rgb(181, 49, 26)  
}
```

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(181, 49, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 49, 26) }
```

Border

The CSS property to change the border of an element to YUV 85.8460, -29.5041, 83.4501 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(181, 49, 26) }
```


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

```
.border{ border-color:rgb(181, 49, 26) }
```

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

Here you see how a box with a 4 pixel rgb(181, 49, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 49, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 49, 26);  
box-shadow:4px 4px 4px 4px rgb(181, 49,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 85.8460, -29.5041, 83.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 49, 26) }
```

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

```
.background{ background-color: rgb(181, 49,  
26) }
```

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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