

Converting Colors

YUV(84.5290, -15.5438,
39.0011)

Have a look what the booklet for
YUV(84.5290, -15.5438, 39.0011)
contains.

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Color

**YUV(84.5290, -15.5438,
39.0011)**

Conversions

Conversions Part 1

Format	Color
Hex	814435
RGB	129, 68, 53
RGB Percent	51%, 27%, 21%
CMY	0.4941, 0.7333, 0.7922
CMYK	0.00, 0.47, 0.59, 0.49
HSL	12°, 42%, 36%
HSV	12°, 59%, 51%
XYZ	11.7630, 9.0584, 4.4966
YIQ	84.5290, 41.1710, 8.2670

Conversions

Conversions Part 2

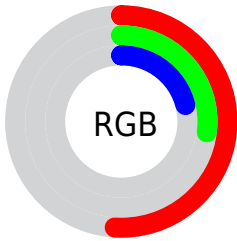
Format	Color
R_{YB}	129, 72, 53
Decimal	8471605
CIE _{Lab}	36.10, 24.62, 20.69
CIE _{LCh}	36, 32.157, 40.048
Yxy	9.0584, 0.4646, 0.3578
Android (android.graphics.Color)	4286661685 (0xFF814435)
YUV	84.5290, -15.5438, 39.0011
Hunter-Lab	30.0972, 17.0936, 12.2099




Details

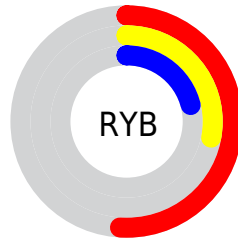
The YUV color **84.5290, -15.5438, 39.0011** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **97.4710, 15.5438, -39.0011**, and the grayscale version is **85.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **135.3940, -17.4492, 43.5045**, and **36.6640, -13.6384, 34.4977** is the 20% darker color. If you saturate the color by 10%, you get **77.1770, -18.3283, 45.4488**, and if you desaturate by 10%, it is **91.8810, -12.7593, 32.5534**.

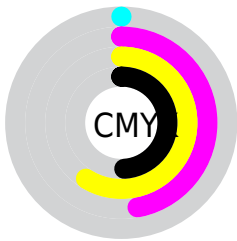
Distribution







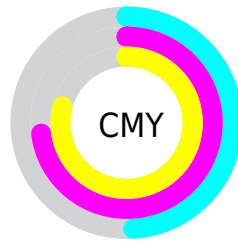
-  Red (51%)
-  Green (27%)
-  Blue (21%)






-  Red (51%)
-  Yellow (28%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (47%)
-  Yellow (59%)
-  Black (49%)



-  Cyan (49%)
-  Magenta (73%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5290, -15.5438, 39.0011 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 84.5290, -15.5438, 39.0011 by changing the saturation by 10% instead.

84.5290, -15.5438,
39.0011

84.5290, -15.5438,
39.0011

255.0000, 0.0000,
0.0000

60.4470, -14.5174,
36.4420

135.3940,
-17.4492, 43.5045

36.6640, -13.6384,
34.4977

162.1770,
-18.3283, 45.4488

14.9500, -7.3703,
30.7388

189.6610,
-19.0599, 46.7783

5.3820, -2.6533,
11.0660

212.1760,
-16.8488, 37.5566

0.0000, 0.0000,
0.0000

232.2770,
-13.4476, 19.9281

251.9050, -9.3202,

2.7143

■ 84.5290, -15.5438,
39.0011

■ 84.5290, -15.5438,
39.0011

■ 77.1770, -18.3283,
45.4488

■ 91.8810, -12.7593,
32.5534

■ 69.2380, -20.8233,
52.4113

■ 99.8200, -10.2643,
25.5909

■ 61.8860, -23.6078,
58.8590

■ 107.1720, -7.4798,
19.1432

■ 54.5340, -26.3923,
65.3067

■ 114.5240, -4.6953,
12.6955

■ 53.2460, -26.2503,
66.4363

■ 122.4630, -2.2003,
5.7329

■ 129.7010, 0.1474,
-0.6148

■ 137.0530, 2.9319,
-7.0625

■ 144.9920, 5.4269,
-14.0250

■ 152.3440, 8.2114,
-20.4727

Harmonies

Analogous

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



85.5260, -4.2033, 41.6347



84.5290, -15.5438, 39.0011



83.3890, -23.3628, 26.8458

Triad

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



84.5290, -15.5438, 39.0011



71.3400, -2.6326, -42.3942



82.1430, 26.5515, -22.9274

Complementary

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



84.5290, -15.5438, 39.0011



97.4710, 15.5438, -39.0011

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.



69.1660, 31.4702, -60.6586



84.5290, -15.5438, 39.0011



68.1280, 12.2619, -59.7483

Square

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



84.5290, -15.5438, 39.0011



78.7430, -17.1283, -12.9296



70.2770, 23.0344, -61.6329



87.5770, 18.4495, 9.1410

Rectangle

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



84.5290, -15.5438, 39.0011



82.7420, -25.5088, 15.1353



70.2770, 23.0344, -61.6329



77.6250, 28.7789, -37.3821

Sweetspot

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



84.5290, -15.5438, 39.0011



150.4920, -6.1586, 15.3545



82.7920, 15.8785, 40.5244



73.1430, -3.5215, 9.5216



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



84.5290, -15.5438, 39.0011



98.0820, -24.1974, 61.3181



106.2480, -26.2513, 19.9535



60.2670, -1.6106, 3.2738



52.9470, -26.1029, 65.8215



0.0000, 0.0000, 0.0000

Inverse Universe

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



97.4710, 15.5438, -39.0011



118.9180, 24.1974, -61.3181



75.7520, 26.2513, -19.9535



60.7330, 1.6106, -3.2738



74.4660, 26.3923, -65.3067



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 84.5290, -15.5438, 39.0011 looks on a white background.

Color Contrast Check

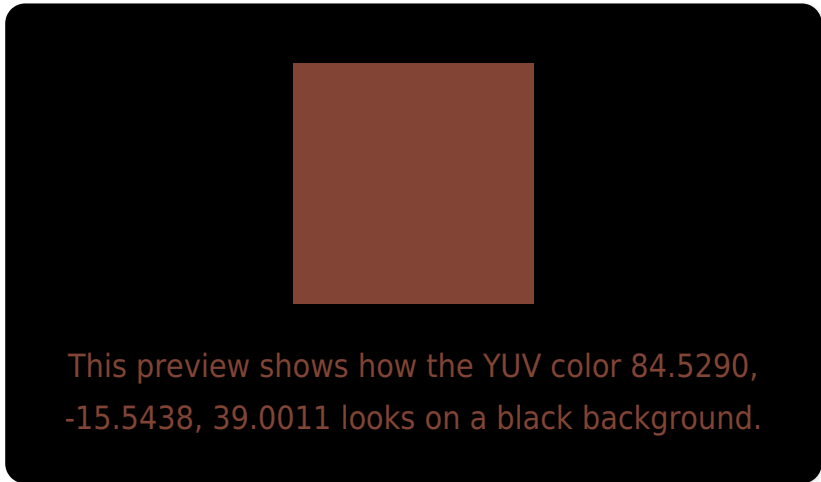
Large Text (above 18pt) WCAG AA ✓ Pass

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

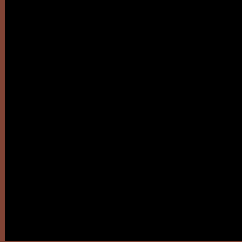
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.5290, -15.5438, 39.0011

Background



This preview shows how black text looks on a background with the YUV color 84.5290, -15.5438, 39.0011.

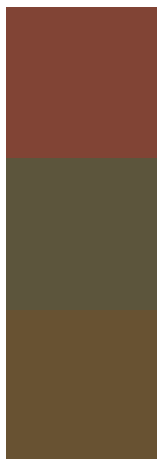


This preview shows how white text looks on a background with the YUV color 84.5290, -15.5438,

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

84.5290, -15.5438, 39.0011

Protanopia

84.2430, -11.9518, 6.8029

Deuteranopia

84.9300, -17.2205, 16.7244



Tritanopia

85.5920, -7.6869, 38.9458

Trichromacy



Original Color

84.5290, -15.5438, 39.0011

Protanomaly

84.2660, -13.4421, 18.1837

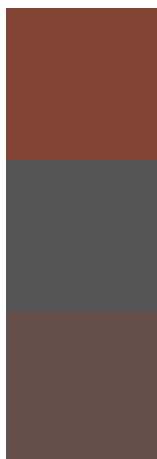
Deuteranomaly

84.8000, -16.6634, 24.7314

Tritanomaly

85.4950, -10.5970, 39.0309

Monochromacy



Original Color

84.5290, -15.5438, 39.0011

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8940, -5.8637, 14.1250

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5290, -15.5438, 39.0011 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(129, 68, 53)` looks like.

```
.text, #text, p{  
    color:rgb(129, 68, 53)  
}
```

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(129, 68, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 68, 53) }
```

Border

The CSS property to change the border of an element to YUV 84.5290, -15.5438, 39.0011 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(129, 68, 53) }
```


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

```
.border{ border-color:rgb(129, 68, 53) }
```

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

Here you see how a box with a 4 pixel rgb(129, 68, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 68, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 68, 53);  
box-shadow:4px 4px 4px 4px rgb(129, 68,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 84.5290, -15.5438, 39.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 68, 53) }
```

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

```
.background{ background-color: rgb(129, 68,  
53) }
```

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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