

Converting Colors

YUV(83.5100, -16.5204,
72.3437)

Have a look what the booklet for
YUV(83.5100, -16.5204, 72.3437)
contains.

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Color

**YUV(83.5100, -16.5204,
72.3437)**

Conversions

Conversions Part 1

Format	Color
Hex	A63032
RGB	166, 48, 50
RGB Percent	65%, 19%, 20%
CMY	0.3490, 0.8118, 0.8039
CMYK	0.00, 0.71, 0.70, 0.35
HSL	359°, 55%, 42%
HSV	359°, 71%, 65%
XYZ	17.3586, 10.4512, 4.1200
YIQ	83.5100, 69.6860, 25.6380

Conversions

Conversions Part 2

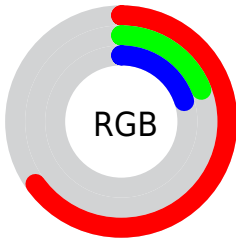
Format	Color
R _Y B	166, 48, 50
Decimal	10891314
CIE Lab	38.64, 48.16, 27.06
CIE LCh	39, 55.244, 29.333
Yxy	10.4512, 0.5436, 0.3273
Android (android.graphics.Color)	4289081394 (0xFFA63032)
YUV	83.5100, -16.5204, 72.3437
Hunter-Lab	32.3283, 39.2704, 15.0737

Details

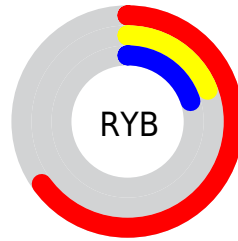
The YUV color **83.5100, -16.5204, 72.3437** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **130.4900, 16.5204, -72.3437**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6910, -21.0467, 77.4470**, and **32.5630, -13.5886, 65.2812** is the 20% darker color. If you saturate the color by 10%, you get **71.7070, -18.5896, 82.6950**, and if you desaturate by 10%, it is **95.3130, -14.4513, 61.9925**.

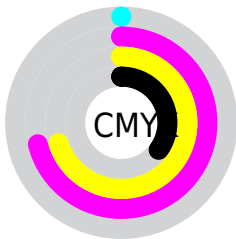
Distribution



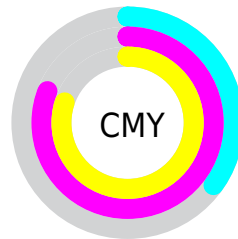
- Red (65%)
- Green (19%)
- Blue (20%)



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



- Cyan (0%)
- Magenta (71%)
- Yellow (70%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5100, -16.5204, 72.3437 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 83.5100, -16.5204, 72.3437 by changing the saturation by 10% instead.

■ 83.5100, -16.5204,
72.3437

■ 83.5100, -16.5204,
72.3437

255.0000, 0.0000,
0.0000

■ 53.3620, -12.0105,
72.4735

■ 138.6910,
-21.0467, 77.4470

■ 32.5630, -13.5886,
65.2812

■ 165.7620,
-22.0677, 78.2617

■ 23.3220, -11.4977,
47.9526

■ 184.5750,
-18.5245, 61.7627

■ 15.7760, -6.7916,
31.7684

■ 204.0890,
-14.8339, 44.6489

■ 0.0000, 0.0000,
0.0000

■ 224.1900,
-11.4327, 27.0204

■ 244.4050, -7.5947,

9.2918

■ 83.5100, -16.5204,
72.3437

■ 83.5100, -16.5204,
72.3437

■ 71.7070, -18.5896,
82.6950

■ 95.3130, -14.4513,
61.9925

■ 60.3770, -21.3849,
92.6314

■ 106.6430,
-11.6560, 52.0561

■ 49.9760, -23.1592,
101.7530

■ 118.4460, -9.5869,
41.7049

■ 129.6620, -7.2284,
31.8684

■ 141.5790, -4.7224,
21.4172

■ 153.3820, -2.6533,
11.0660

■ 164.5980, -0.2948,
1.2296

■ 176.5150, 2.2111,
-9.2217

■ 187.7310, 4.5696,
-19.0581

Harmonies

Analogous

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



82.9550, 5.4452, 73.7075



83.5100, -16.5204, 72.3437



84.9010, -39.8842, 52.7068

Triad

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



83.5100, -16.5204, 72.3437



68.1840, -12.9087, -59.7974



77.5730, 50.9895, -68.0315

Complementary

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



83.5100, -16.5204, 72.3437



130.4900, 16.5204, -72.3437

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.



81.9610, 42.4172, -71.8798



83.5100, -16.5204, 72.3437



75.3030, 6.7526, -66.0407

Square

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



83.5100, -16.5204, 72.3437



79.3200, -39.1048, -10.8046



80.4330, 26.4085, -70.5397



90.8690, 39.0116, -6.0241

Rectangle

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



83.5100, -16.5204, 72.3437



85.7970, -42.2979, 33.5040



80.4330, 26.4085, -70.5397



79.8070, 49.3951, -69.9907

Sweetspot

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



83.5100, -16.5204, 72.3437



184.8680, -6.3439, 28.1798



95.5380, 34.7378, 58.2872



90.4860, -3.6906, 17.1138



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.



83.5100, -16.5204, 72.3437



88.3580, -25.8125, 112.8190



115.5670, -33.3105, 44.2297



78.3920, -1.1793, 4.9182



44.5940, -20.5058, 90.6871



5.9800, -2.9481, 12.2955

Inverse Universe

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



83.5100, -16.5204, 72.3437



88.3580, -25.8125, 112.8190



98.4330, 33.3105, -44.2297



78.3920, -1.1793, 4.9182



44.5940, -20.5058, 90.6871



5.9800, -2.9481, 12.2955

Previews

White Background



This preview shows how the YUV color 83.5100, -16.5204, 72.3437 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 83.5100, -16.5204, 72.3437 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 83.5100, -16.5204, 72.3437

Background



This preview shows how black text looks on a background with the YUV color 83.5100, -16.5204, 72.3437.

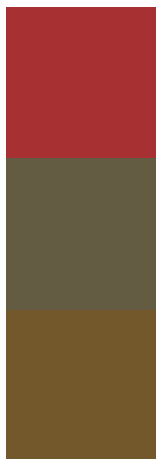


This preview shows how white text looks on a background with the YUV color 83.5100, -16.5204,

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

83.5100, -16.5204, 72.3437

Protanopia

91.1290, -12.3886, 6.9029

Deuteranopia

90.6440, -23.4885, 20.4832



Tritanopia

83.5100, -16.5204, 72.3437

Trichromacy



Original Color

83.5100, -16.5204, 72.3437

Protanomaly

88.2290, -13.9169, 30.4942

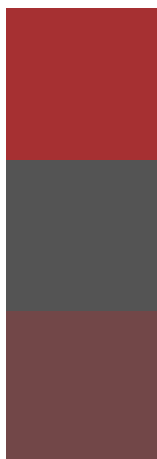
Deuteranomaly

87.8620, -20.6380, 39.5860

Tritanomaly

83.5100, -16.5204, 72.3437

Monochromacy



Original Color

83.5100, -16.5204, 72.3437

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9710, -5.9017, 26.3354

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5100, -16.5204, 72.3437 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, 48, 50)` looks like.

```
.text, #text, p{  
    color:rgb(166, 48, 50)  
}
```

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, 48, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 48, 50) }
```

Border

The CSS property to change the border of an element to YUV 83.5100, -16.5204, 72.3437 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, 48, 50) }
```


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

```
.border{ border-color:rgb(166, 48, 50) }
```

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

Here you see how a box with a 4 pixel rgb(166, 48, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 48, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 48, 50);  
box-shadow:4px 4px 4px 4px rgb(166, 48,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 83.5100, -16.5204, 72.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 48, 50) }
```

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

```
.background{ background-color: rgb(166, 48,  
50) }
```

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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