

Converting Colors

YUV(84.9120, -16.2256,
71.1142)

Have a look what the booklet for
YUV(84.9120, -16.2256, 71.1142)
contains.

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Color

**YUV(84.9120, -16.2256,
71.1142)**

Conversions

Conversions Part 1

Format	Color
Hex	A63234
RGB	166, 50, 52
RGB Percent	65%, 20%, 20%
CMY	0.3490, 0.8039, 0.7961
CMYK	0.00, 0.70, 0.69, 0.35
HSL	359°, 54%, 42%
HSV	359°, 70%, 65%
XYZ	17.4863, 10.6361, 4.3802
YIQ	84.9120, 68.4940, 25.2140

Conversions

Conversions Part 2

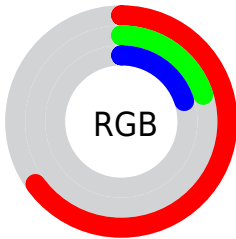
Format	Color
RYB	166, 50, 52
Decimal	10891828
CIELab	38.96, 47.47, 26.23
CIElCh	39, 54.239, 28.922
Yxy	10.6361, 0.5380, 0.3272
Android (android.graphics.Color)	4289081908 (0xFFA63234)
YUV	84.9120, -16.2256, 71.1142
Hunter-Lab	32.6131, 38.6344, 14.8661

Details

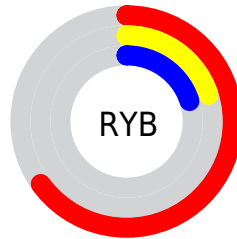
The YUV color **84.9120, -16.2256, 71.1142** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **131.0880, 16.2256, -71.1142**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2070, -20.3151, 76.1175**, and **32.9050, -12.2782, 64.9813** is the 20% darker color. If you saturate the color by 10%, you get **73.1090, -18.2947, 81.4654**, and if you desaturate by 10%, it is **96.7150, -14.1565, 60.7629**.

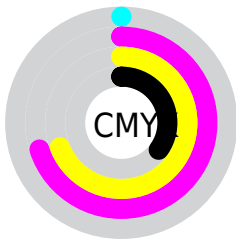
Distribution



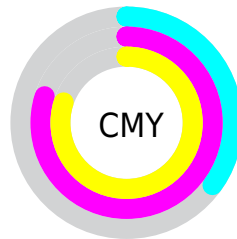
- Red (65%)
- Green (20%)
- Blue (20%)



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



- Cyan (0%)
- Magenta (70%)
- Yellow (69%)
- Black (35%)





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

Brightness & Saturation Gradients


These gradients show how the YUV color 84.9120, -16.2256, 71.1142 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 84.9120, -16.2256, 71.1142 by changing the saturation by 10% instead.


 84.9120, -16.2256,
71.1142


 84.9120, -16.2256,
71.1142


255.0000, 0.0000,
0.0000

 55.3510, -12.0050,
70.7292


 140.2070,
-20.3151, 76.1175


 32.9050, -12.2782,
64.9813

 167.2780,
-21.3361, 76.9322


 23.3220, -11.4977,
47.9526

 185.9770,
-18.2297, 60.5332

 15.7760, -6.7916,
31.7684

 205.4910,
-14.5391, 43.4194

 0.0000, 0.0000,
0.0000

 225.1190,
-10.4117, 26.2056

 245.3340, -6.5737,

8.4771

■ 84.9120, -16.2256,
71.1142

■ 84.9120, -16.2256,
71.1142

■ 73.1090, -18.2947,
81.4654

■ 96.7150, -14.1565,
60.7629

■ 61.7790, -21.0900,
91.4018

■ 108.0450,
-11.3612, 50.8265

■ 49.9760, -23.1592,
101.7530

■ 119.8480, -9.2921,
40.4753

■ 131.0640, -6.9336,
30.6389

■ 142.9810, -4.4276,
20.1877

■ 154.7840, -2.3585,
9.8364

■ 166.0000, 0.0000,
0.0000

■ 177.9170, 2.5059,
-10.4512

■ 189.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



85.4170, 4.7244, 71.5483



84.9120, -16.2256, 71.1142



86.2430, -38.5738, 52.4069

Triad

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



84.9120, -16.2256, 71.1142



68.2980, -12.4719, -59.8973



78.1600, 50.7001, -68.5463

Complementary

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



84.9120, -16.2256, 71.1142



131.0880, 16.2256, -71.1142

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.



81.8470, 41.9804, -71.7798



84.9120, -16.2256, 71.1142



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.



84.9120, -16.2256, 71.1142



79.9180, -39.3996, -9.5751



80.3190, 25.9717, -70.4398



92.3420, 38.2854, -6.4389

Rectangle

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



84.9120, -16.2256, 71.1142



86.6830, -42.7347, 33.6040



80.3190, 25.9717, -70.4398



80.2800, 48.6690, -70.4056

Sweetspot

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



84.9120, -16.2256, 71.1142



184.8680, -6.3439, 28.1798



96.7120, 34.1590, 57.2576



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.



84.9120, -16.2256, 71.1142



89.7600, -25.5177, 111.5895



116.3820, -32.7263, 43.5150



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.



84.9120, -16.2256, 71.1142



89.7600, -25.5177, 111.5895



99.6180, 32.7263, -43.5150



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 84.9120, -16.2256, 71.1142 looks on a white background.

Color Contrast Check

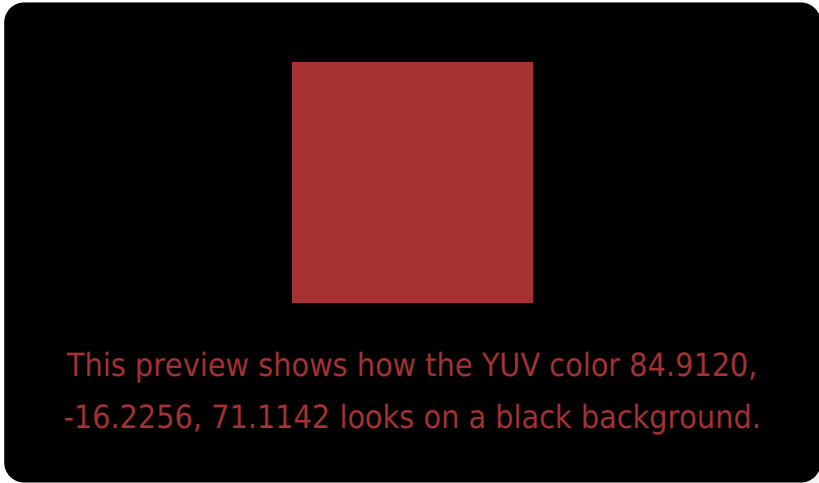
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.9120, -16.2256, 71.1142

Background



This preview shows how black text looks on a background with the YUV color 84.9120, -16.2256, 71.1142.



This preview shows how white text looks on a background with the YUV color 84.9120, -16.2256,

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

84.9120, -16.2256, 71.1142

Protanopia

92.2430, -11.9518, 6.8029

Deuteranopia

90.8720, -22.6149, 20.2833



Tritanopia

84.9120, -16.2256, 71.1142

Trichromacy



Original Color

84.9120, -16.2256, 71.1142

Protanomaly

89.3430, -13.4801, 30.3942

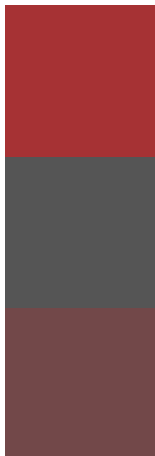
Deuteranomaly

88.6770, -20.0538, 38.8713

Tritanomaly

84.9120, -16.2256, 71.1142

Monochromacy



Original Color

84.9120, -16.2256, 71.1142

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.6720, -5.7543, 25.7207

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9120, -16.2256, 71.1142 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(166, 50, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 50, 52) }
```

Border

The CSS property to change the border of an element to YUV 84.9120, -16.2256, 71.1142 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, 52) }
```


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

```
.border{ border-color:rgb(166, 50, 52) }
```

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, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 50, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 50, 52);  
box-shadow:4px 4px 4px 4px rgb(166, 50,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 84.9120, -16.2256, 71.1142 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, 52) }
```

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

```
.background{ background-color: rgb(166, 50,  
52) }
```

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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