

Converting Colors

YUV(67.9100, -16.7176,
42.1749)

Have a look what the booklet for
YUV(67.9100, -16.7176, 42.1749)
contains.

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Color

**YUV(67.9100, -16.7176,
42.1749)**

Conversions

Conversions Part 1

Format	Color
Hex	743222
RGB	116, 50, 34
RGB Percent	45%, 20%, 13%
CMY	0.5451, 0.8039, 0.8667
CMYK	0.00, 0.57, 0.71, 0.55
HSL	12°, 55%, 29%
HSV	12°, 71%, 45%
XYZ	8.6318, 6.1097, 2.2377
YIQ	67.9100, 44.4720, 9.0160

Conversions

Conversions Part 2

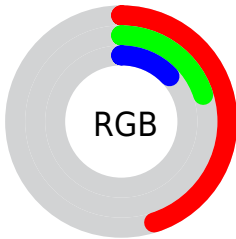
Format	Color
R_{YB}	116, 54, 34
Decimal	7615010
CIE Lab	29.69, 27.82, 23.99
CIE LCh	30, 36.732, 40.774
Yxy	6.1097, 0.5084, 0.3598
Android (android.graphics.Color)	4285805090 (0xFF743222)
YUV	67.9100, -16.7176, 42.1749
Hunter-Lab	24.7178, 19.0785, 11.9349

Details

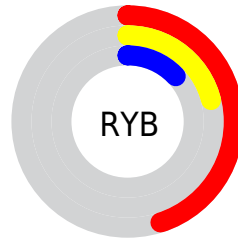
The YUV color **67.9100, -16.7176, 42.1749** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.0900, 16.7176, -42.1749**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9600, -19.2073, 47.3931**, and **20.2990, -10.0074, 36.5718** is the 20% darker color. If you saturate the color by 10%, you get **61.2590, -19.3547, 48.0079**, and if you desaturate by 10%, it is **74.5610, -14.0806, 36.3420**.

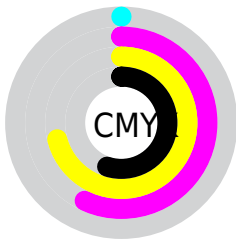
Distribution



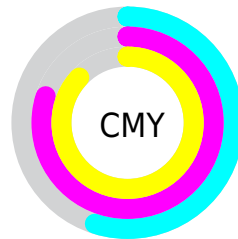
- Red (45%)
- Green (20%)
- Blue (13%)



- Red (45%)
- Yellow (21%)
- Blue (13%)



- Cyan (0%)
- Magenta (57%)
- Yellow (71%)
- Black (55%)



- Cyan (55%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.9100, -16.7176, 42.1749 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 67.9100, -16.7176, 42.1749 by changing the saturation by 10% instead.

■ 67.9100, -16.7176,
42.1749

■ 67.9100, -16.7176,
42.1749

■ 255.0000, 0.0000,
0.0000

■ 43.9420, -15.2544,
39.5159

■ 117.9600,
-19.2073, 47.3931

■ 20.2990, -10.0074,
36.5718

■ 144.6290,
-20.5231, 49.4374

■ 12.0740, -5.4595,
24.4911

■ 171.7110,
-21.5495, 51.9965

■ 0.0000, 0.0000,
0.0000

■ 197.7000,
-21.5441, 50.2521

■ 217.2140,
-17.8535, 33.1383

■ 236.8420,

-13.7261, 15.9246

252.9480, -7.8624,
1.7996

67.9100, -16.7176,
42.1749

67.9100, -16.7176,
42.1749

61.2590, -19.3547,
48.0079

74.5610, -14.0806,
36.3420

54.1350, -21.2656,
54.2556

81.6850, -12.1697,
30.0943

48.1850, -23.7552,
59.4738

88.3360, -9.5326,
24.2613

94.8730, -7.3324,
18.5284

102.1110, -4.9847,
12.1807

■ 108.7620, -2.3477,
6.3477

■ 115.2990, -0.1474,
0.6148

■ 122.5370, 2.2003,
-5.7329

■ 129.0740, 4.4005,
-11.4659

Harmonies

Analogous

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



67.7870, -3.3460, 46.6678



67.9100, -16.7176, 42.1749



67.3630, -27.2940, 27.7456

Triad

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



67.9100, -16.7176, 42.1749



53.8340, -1.8902, -47.2124



63.8260, 30.6518, -31.4194

Complementary

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



67.9100, -16.7176, 42.1749



82.0900, 16.7176, -42.1749

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.



59.9220, 31.5905, -52.5516



67.9100, -16.7176, 42.1749



57.8410, 10.9244, -50.7266

Square

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



67.9100, -16.7176, 42.1749



61.8520, -19.1540, -16.5332



60.3320, 23.0073, -52.9112



72.0440, 20.1913, 10.4854

Rectangle

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



67.9100, -16.7176, 42.1749



66.1890, -30.1662, 15.6202



60.3320, 23.0073, -52.9112



57.3290, 34.3478, -50.2775

Sweetspot

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



67.9100, -16.7176, 42.1749



131.7910, -6.3060, 15.9693



66.1560, 17.1781, 43.7132



65.3280, -4.1057, 10.2363



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



67.9100, -16.7176, 42.1749



75.6480, -25.9555, 65.2067



91.3900, -28.2933, 21.5830



55.3810, -1.1738, 3.1739



50.5660, -24.9290, 62.6476



103.5130, -51.0319, 128.4691

Inverse Universe

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



82.0900, 16.7176, -42.1749



97.3520, 25.9555, -65.2067



58.6100, 28.2933, -21.5830



56.6190, 1.1738, -3.1739



72.0210, 24.6396, -63.1624



146.4870, 51.0319, -128.4691

Previews

White Background



This preview shows how the YUV color 67.9100, -16.7176, 42.1749 looks on a white background.

Color Contrast Check

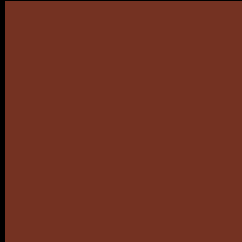
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 67.9100, -16.7176, 42.1749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

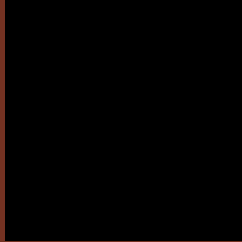
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.9100, -16.7176, 42.1749

Background



This preview shows how black text looks on a background with the YUV color 67.9100, -16.7176, 42.1749.

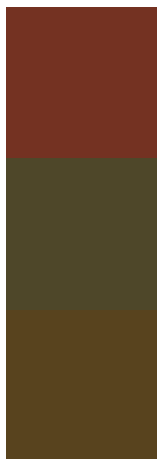


This preview shows how white text looks on a background with the YUV color 67.9100, -16.7176,

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

67.9100, -16.7176, 42.1749

Protanopia

69.6730, -14.1358, 7.3028

Deuteranopia

69.0610, -19.2571, 16.6095



Tritanopia

68.9730, -8.8607, 42.1197

Trichromacy



Original Color

67.9100, -16.7176, 42.1749

Protanomaly

68.8210, -15.1948, 20.3280

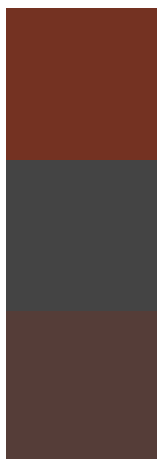
Deuteranomaly

68.6430, -18.5580, 25.7461

Tritanomaly

68.8760, -11.7709, 42.2047

Monochromacy



Original Color

67.9100, -16.7176, 42.1749

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.6060, -5.7218, 15.2545

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.9100, -16.7176, 42.1749 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(116, 50, 34)` looks like.

```
.text, #text, p{  
    color:rgb(116, 50, 34)  
}
```

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(116, 50, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 50, 34) }
```

Border

The CSS property to change the border of an element to YUV 67.9100, -16.7176, 42.1749 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(116, 50, 34) }
```


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

```
.border{ border-color:rgb(116, 50, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 50, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 50, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 50, 34);  
box-shadow:4px 4px 4px 4px rgb(116, 50,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 67.9100, -16.7176, 42.1749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 50, 34) }
```

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

```
.background{ background-color: rgb(116, 50,  
34) }
```

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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