

Converting Colors

YUV(109.0000, -16.7620,
9.6470)

Have a look what the booklet for
YUV(109.0000, -16.7620, 9.6470)
contains.

YUV(109.0000, -16.7620, 9.6470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.0000, -16.7620,
9.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	786E4B
RGB	120, 110, 75
RGB Percent	47%, 43%, 29%
CMY	0.5294, 0.5686, 0.7059
CMYK	0.00, 0.08, 0.37, 0.53
HSL	47°, 23%, 38%
HSV	47°, 37%, 47%
XYZ	14.5917, 15.6529, 8.9089
YIQ	109.0000, 17.1950, -8.7650

Conversions

Conversions Part 2

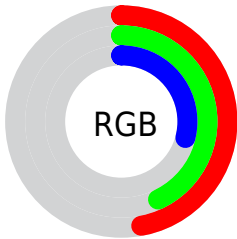
Format	Color
R _Y B	88, 120, 75
Decimal	7892555
CIE Lab	46.52, -1.74, 20.96
CIE LCh	47, 21.032, 94.740
Yxy	15.6529, 0.3727, 0.3998
Android (android.graphics.Color)	4286082635 (0xFF786E4B)
YUV	109.0000, -16.7620, 9.6470
Hunter-Lab	39.5638, -3.4034, 14.3439

Details

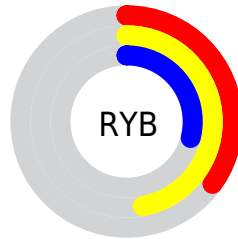
The YUV color **109.0000, -16.7620, 9.6470** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **86.0000, 16.7620, -9.6470**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3700, -17.9304, 11.0765**, and **61.3310, -15.4462, 7.6027** is the 20% darker color. If you saturate the color by 10%, you get **105.8710, -21.1354, 12.3911**, and if you desaturate by 10%, it is **112.1290, -12.3886, 6.9029**.

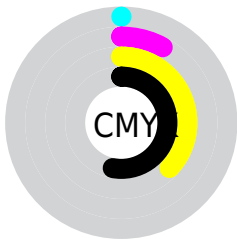
Distribution



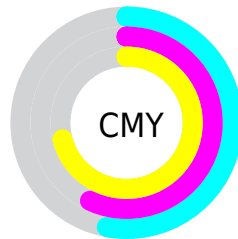
- Red (47%)
- Green (43%)
- Blue (29%)



- Red (35%)
- Yellow (47%)
- Blue (29%)



- Cyan (0%)
- Magenta (8%)
- Yellow (37%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0000, -16.7620, 9.6470 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 109.0000, -16.7620, 9.6470 by changing the saturation by 10% instead.

■ 109.0000,
-16.7620, 9.6470

■ 109.0000,
-16.7620, 9.6470

■ 255.0000, 0.0000,
0.0000

■ 84.8150, -16.1778,
8.9322

■ 160.3700,
-17.9304, 11.0765

■ 61.3310, -15.4462,
7.6027

■ 187.5550,
-18.5146, 11.7913

■ 38.9180, -15.7356,
7.0879

■ 215.4410,
-18.9514, 11.8912

■ 19.8020, -9.7624,
4.5586

■ 243.3160,
-19.3828, 10.2469

■ 0.0000, 0.0000,
0.0000

■ 252.4920, -9.6096,
2.1995

■ 109.0000,
-16.7620, 9.6470

■ 109.0000,
-16.7620, 9.6470

■ 105.8710,
-21.1354, 12.3911

■ 112.1290,
-12.3886, 6.9029

■ 103.3290,
-25.7982, 14.6205

■ 114.6710, -7.7258,
4.6735

■ 100.2000,
-30.1716, 17.3646

■ 117.8000, -3.3524,
1.9294

■ 97.0710, -34.5450,
20.1087

■ 120.9290, 1.0210,
-0.8147

■ 94.5290, -39.2078,
22.3381

■ 123.4710, 5.6838,
-3.0441

■ 91.4000, -43.5812,
25.0822

■ 126.6000, 10.0572,
-5.7882

■ 90.4710, -44.6022,
25.8969

■ 129.7290, 14.4306,
-8.5323

■ 132.2710, 19.0934,

-10.7617

■ 135.4000, 23.4668,
-13.5058

Harmonies

Analogous

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



110.4190, -15.4896, 21.5575



109.0000, -16.7620, 9.6470



106.9380, -12.7874, -5.2076

Triad

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



109.0000, -16.7620, 9.6470



101.1180, 14.2388, -40.4455



112.8420, 6.4869, 19.4326

Complementary

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



109.0000, -16.7620, 9.6470



86.0000, 16.7620, -9.6470

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.



112.1650, 13.2297, 3.3633



109.0000, -16.7620, 9.6470



104.3130, 18.5797, -32.7235

Square

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



109.0000, -16.7620, 9.6470



101.7460, 5.0552, -34.8572



109.1950, 17.6519, -15.0800



112.6060, -2.2708, 28.4095

Rectangle

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



109.0000, -16.7620, 9.6470



105.4250, -8.0975, -16.1587



109.1950, 17.6519, -15.0800



113.0910, 8.8291, 14.8292

Sweetspot

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



109.0000, -16.7620, 9.6470



151.6000, -6.7048, 3.8588



89.7090, -1.8285, 26.5652



76.6860, -3.7892, 2.0294



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



109.0000, -16.7620, 9.6470



138.6280, -25.9456, 15.2352



111.2820, -17.8870, -2.8783



59.7290, -2.3314, 1.1147



94.3140, -46.4968, 26.9116



190.4000, -93.8672, 54.0232

Inverse Universe

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



86.0000, 16.7620, -9.6470



102.7850, 26.2350, -14.7204



83.7180, 17.8870, 2.8783



56.2710, 2.3314, -1.1147



30.6860, 46.4968, -26.9116



61.6000, 93.8672, -54.0232

Previews

White Background



This preview shows how the YUV color 109.0000, -16.7620, 9.6470 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 109.0000, -16.7620, 9.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

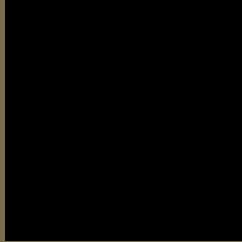
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.0000, -16.7620, 9.6470

Background



This preview shows how black text looks on a background with the YUV color 109.0000, -16.7620, 9.6470.



This preview shows how white text looks on a background with the YUV color 109.0000, -16.7620, 9.6470.

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

109.0000, -16.7620, 9.6470

Protanopia

108.7010, -16.6146, 9.0322

Deuteranopia

110.3540, -16.9365, 18.9835



Tritanopia

111.5930, 0.6937, 10.8809

Trichromacy



Original Color

109.0000, -16.7620, 9.6470

Protanomaly

108.7010, -16.6146, 9.0322

Deuteranomaly

109.7450, -16.6363, 16.0096

Tritanomaly

110.8720, -5.8529, 10.6363

Monochromacy



Original Color

109.0000, -16.7620, 9.6470

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8280, -5.8312, 3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0000, -16.7620, 9.6470 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(120, 110, 75)` looks like.

```
.text, #text, p{  
    color:rgb(120, 110, 75)  
}
```

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(120, 110, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 110, 75) }
```

Border

The CSS property to change the border of an element to YUV 109.0000, -16.7620, 9.6470 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(120, 110, 75) }
```


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

```
.border{ border-color:rgb(120, 110, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 110, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 110, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 110, 75);  
box-shadow:4px 4px 4px 4px rgb(120, 110,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 109.0000, -16.7620, 9.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 110, 75) }
```

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

```
.background{ background-color: rgb(120,  
110, 75) }
```

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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