

Converting Colors

YUV(87.4200, -16.9691,
29.4497)

Have a look what the booklet for
YUV(87.4200, -16.9691, 29.4497)
contains.

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Color

**YUV(87.4200, -16.9691,
29.4497)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 794D35 |
| RGB | 121, 77, 53 |
| RGB Percent | 47%, 30%, 21% |
| CMY | 0.5255, 0.6980, 0.7922 |
| CMYK | 0.00, 0.36, 0.56, 0.53 |
| HSL | 21°, 39%, 34% |
| HSV | 21°, 56%, 47% |
| XYZ | 11.1816, 9.6297, 4.6375 |
| YIQ | 87.4200, 33.9280, 1.8640 |

Conversions

Conversions Part 2

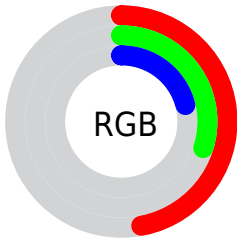
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 121, 90, 53 |
| Decimal | 7949621 |
| CIE Lab | 37.17, 15.82, 21.83 |
| CIE LCh | 37, 26.955, 54.070 |
| Yxy | 9.6297, 0.4394, 0.3784 |
| Android (android.graphics.Color) | 4286139701 (0xFF794D35) |
| YUV | 87.4200, -16.9691, 29.4497 |
| Hunter-Lab | 31.0318, 10.0129, 12.8617 |

Details

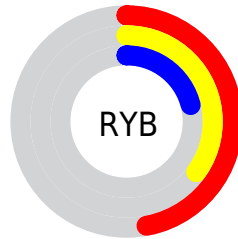
The YUV color $87.4200, -16.9691, 29.4497$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $86.5800, 16.9691, -29.4497$, and the grayscale version is $88.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $137.9860, -18.7271, 33.3383$, and $40.4410, -15.5004, 25.0462$ is the 20% darker color. If you saturate the color by 10%, you get $81.3560, -19.8955, 34.7678$, and if you desaturate by 10%, it is $93.4840, -14.0426, 24.1315$.

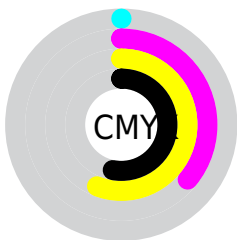
Distribution



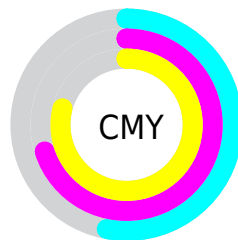
- Red (47%)
- Green (30%)
- Blue (21%)



- Red (47%)
- Yellow (35%)
- Blue (21%)



- Cyan (0%)
- Magenta (36%)
- Yellow (56%)
- Black (53%)



- Cyan (53%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4200, -16.9691, 29.4497 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 87.4200, -16.9691, 29.4497 by changing the saturation by 10% instead.

87.4200, -16.9691,
29.4497

87.4200, -16.9691,
29.4497

255.0000, 0.0000,
0.0000

63.6370, -16.0900,
27.5054

137.9860,
-18.7271, 33.3383

40.4410, -15.5004,
25.0462

164.4700,
-19.4587, 34.6678

19.9120, -9.8166,
22.0022

191.9540,
-20.1903, 35.9973

2.6910, -1.3267,
5.5330

218.0460,
-19.7427, 32.4087

0.0000, 0.0000,
0.0000

237.5600,
-16.0521, 15.2949

252.6060, -9.1728,

2.0995

■ 87.4200, -16.9691,
29.4497

■ 87.4200, -16.9691,
29.4497

■ 81.3560, -19.8955,
34.7678

■ 93.4840, -14.0426,
24.1315

■ 75.2920, -22.8220,
40.0859

■ 99.5480, -11.1162,
18.8134

■ 69.8150, -26.0378,
44.8892

■ 105.0250, -7.9003,
14.0101

■ 63.7510, -28.9642,
50.2074

■ 111.0890, -4.9739,
8.6919

■ 61.4200, -30.2801,
52.2517

■ 117.2670, -1.6106,
3.2738

■ 123.3310, 1.3158,
-2.0443

■ 129.3950, 4.2423,
-7.3624

■ 135.4590, 7.1687,
-12.6805

■ 140.9360, 10.3846,
-17.4839

Harmonies

Analogous

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



88.3420, -8.5496, 35.6571



87.4200, -16.9691, 29.4497



86.3060, -20.8569, 16.3946

Triad

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



87.4200, -16.9691, 29.4497



74.3380, 3.7774, -45.0234



88.0160, 19.2191, -4.3990

Complementary

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



87.4200, -16.9691, 29.4497



86.5800, 16.9691, -29.4497

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.



81.3930, 23.9633, -32.7937



87.4200, -16.9691, 29.4497



69.9690, 16.7773, -61.3628

Square

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



87.4200, -16.9691, 29.4497



80.6480, -9.6865, -19.8623



70.2600, 25.5078, -61.6180



89.7970, 11.4391, 17.7180

Rectangle

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



87.4200, -16.9691, 29.4497



84.4680, -19.9507, 5.7286



70.2600, 25.5078, -61.6180



86.4170, 20.9934, -13.5207

Sweetspot

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



87.4200, -16.9691, 29.4497



144.9430, -6.8739, 11.4510



78.3480, 9.1954, 37.4058



71.3060, -4.0949, 6.7476



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.



87.4200, -16.9691, 29.4497



106.0000, -26.6220, 45.6040



107.3780, -26.8084, 11.9465



57.9680, -1.4632, 2.6591



63.2030, -31.1591, 54.1960



127.5910, -62.9024, 109.1067

Inverse Universe

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



86.5800, 16.9691, -29.4497



104.5870, 26.3326, -46.1188



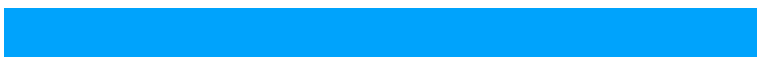
66.6220, 26.8084, -11.9465



58.0320, 1.4632, -2.6591



61.7970, 31.1591, -54.1960



124.4090, 62.9024, -109.1067

Previews

White Background



This preview shows how the YUV color 87.4200, -16.9691, 29.4497 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 87.4200, -16.9691, 29.4497 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 87.4200, -16.9691, 29.4497

Background



This preview shows how black text looks on a background with the YUV color 87.4200, -16.9691, 29.4497.



This preview shows how white text looks on a background with the YUV color 87.4200, -16.9691,

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

87.4200, -16.9691, 29.4497

Protanopia

86.8580, -14.7200, 8.0175

Deuteranopia

87.2290, -17.3679, 17.3392



Tritanopia

89.2210, -5.0390, 29.6242

Trichromacy



Original Color

87.4200, -16.9691, 29.4497

Protanomaly

87.0870, -15.3259, 15.7097

Deuteranomaly

86.9630, -17.2368, 21.9574

Tritanomaly

88.4830, -9.1121, 29.3944

Monochromacy



Original Color

87.4200, -16.9691, 29.4497

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8720, -5.8529, 10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4200, -16.9691, 29.4497 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(121, 77, 53)` looks like.

```
.text, #text, p{  
    color:rgb(121, 77, 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(121, 77, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 77, 53) }
```

Border

The CSS property to change the border of an element to YUV 87.4200, -16.9691, 29.4497 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(121, 77, 53) }
```


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

```
.border{ border-color:rgb(121, 77, 53) }
```

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

Here you see how a box with a 4 pixel rgb(121, 77, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 77, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 77, 53);  
box-shadow:4px 4px 4px 4px rgb(121, 77,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 87.4200, -16.9691, 29.4497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 77, 53) }
```

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

```
.background{ background-color: rgb(121, 77,  
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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