

Converting Colors

YUV(82.6510, -10.6739,
16.9691)

Have a look what the booklet for
YUV(82.6510, -10.6739, 16.9691)
contains.

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Color

**YUV(82.6510, -10.6739,
16.9691)**

Conversions

Conversions Part 1

Format	Color
Hex	664D3D
RGB	102, 77, 61
RGB Percent	40%, 30%, 24%
CMY	0.6000, 0.6980, 0.7608
CMYK	0.00, 0.25, 0.40, 0.60
HSL	23°, 25%, 32%
HSV	23°, 40%, 40%
XYZ	8.9757, 8.4695, 5.5766
YIQ	82.6510, 20.0360, 0.3240

Conversions

Conversions Part 2

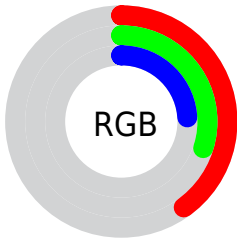
Format	Color
R_{YB}	102, 87, 61
Decimal	6704445
CIE _{Lab}	34.94, 8.11, 13.56
CIE _{LCh}	35, 15.800, 59.103
Yxy	8.4695, 0.3899, 0.3679
Android (android.graphics.Color)	4284894525 (0xFF664D3D)
YUV	82.6510, -10.6739, 16.9691
Hunter-Lab	29.1023, 4.1235, 9.0105

Details

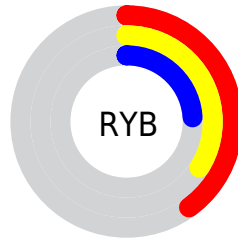
The YUV color **82.6510, -10.6739, 16.9691** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **80.3490, 10.6739, -16.9691**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4340, -11.5530, 18.9134**, and **37.6830, -9.2107, 14.3100** is the 20% darker color. If you saturate the color by 10%, you get **77.9890, -13.3056, 21.0576**, and if you desaturate by 10%, it is **87.3130, -8.0423, 12.8805**.

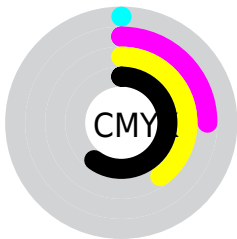
Distribution



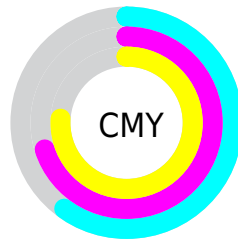
- Red (40%)
- Green (30%)
- Blue (24%)



- Red (40%)
- Yellow (34%)
- Blue (24%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (60%)



- Cyan (60%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.6510, -10.6739, 16.9691 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 82.6510, -10.6739, 16.9691 by changing the saturation by 10% instead.

■ 82.6510, -10.6739,
16.9691

■ 82.6510, -10.6739,
16.9691

■ 255.0000, 0.0000,
0.0000

■ 59.1670, -9.9423,
15.6395

■ 132.4340,
-11.5530, 18.9134

■ 37.6830, -9.2107,
14.3100

■ 158.6190,
-12.1372, 19.6281

■ 16.3240, -8.0477,
14.6249

■ 185.8040,
-12.7214, 20.3429

■ 0.0000, 0.0000,
0.0000

■ 213.4020,
-13.0162, 21.5724

■ 238.1130,
-11.3947, 14.8099

■ 253.6320, -5.2416,

1.1997

■ 82.6510, -10.6739,
16.9691

■ 82.6510, -10.6739,
16.9691

■ 77.9890, -13.3056,
21.0576

■ 87.3130, -8.0423,
12.8805

■ 73.3270, -15.9372,
25.1462

■ 91.9750, -5.4107,
8.7919

■ 67.9640, -18.7163,
29.8496

■ 97.3380, -2.6316,
4.0886

■ 63.3020, -21.3479,
33.9381

■ 102.0000, 0.0000,
0.0000

■ 58.6400, -23.9795,
38.0267

■ 106.6620, 2.6316,
-4.0886

■ 53.9780, -26.6112,
42.1153

■ 111.3240, 5.2633,
-8.1771

■ 116.5730, 7.6055,
-12.7805

■ 121.3490, 10.6739,
-16.9691

■ 126.0110, 13.3056,
-21.0576

Harmonies

Analogous

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



83.5250, -6.1748, 20.5876



82.6510, -10.6739, 16.9691



81.5530, -12.1046, 9.1620

Triad

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



82.6510, -10.6739, 16.9691



76.7260, 2.1071, -22.5617



83.3450, 10.1829, 0.5744

Complementary

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



82.6510, -10.6739, 16.9691



80.3490, 10.6739, -16.9691

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.



80.6530, 12.9891, -12.8507



82.6510, -10.6739, 16.9691



76.1150, 8.8173, -28.1649

Square

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



82.6510, -10.6739, 16.9691



78.6580, -4.7614, -12.8551



77.7610, 12.4428, -24.3464



84.1570, 5.3456, 12.1403

Rectangle

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



82.6510, -10.6739, 16.9691



80.7370, -11.2093, 1.9847



77.7610, 12.4428, -24.3464



82.9530, 11.3622, -4.3438

Sweetspot

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



82.6510, -10.6739, 16.9691



125.3060, -4.0949, 6.7476



76.1090, 4.8763, 22.7064



62.0390, -2.4842, 3.4738



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



82.6510, -10.6739, 16.9691



102.8110, -16.6688, 26.4758



94.3910, -16.4618, 6.6731



48.6690, -1.3158, 2.0443



60.8000, -29.9744, 47.5334



128.1230, -63.1646, 99.8701

Inverse Universe

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



80.3490, 10.6739, -16.9691



99.1890, 16.6688, -26.4758



68.6090, 16.4618, -6.6731



48.3310, 1.3158, -2.0443



54.2000, 29.9744, -47.5334



114.4640, 62.8752, -100.3849

Previews

White Background



This preview shows how the YUV color 82.6510, -10.6739, 16.9691 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 82.6510, -10.6739, 16.9691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

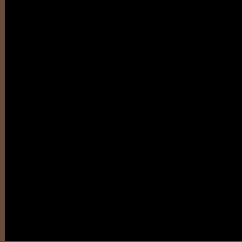
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.6510, -10.6739, 16.9691

Background



This preview shows how black text looks on a background with the YUV color 82.6510, -10.6739, 16.9691.

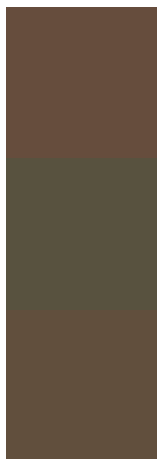


This preview shows how white text looks on a background with the YUV color 82.6510, -10.6739,

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

82.6510, -10.6739, 16.9691

Protanopia

81.6280, -9.1836, 5.5882

Deuteranopia

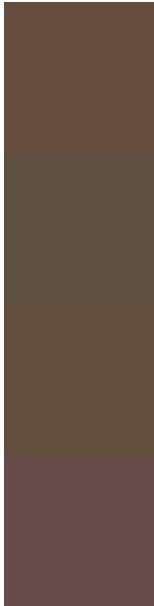
82.3300, -10.5157, 12.8656



Tritanopia

83.6540, -1.8014, 17.8434

Trichromacy



Original Color

82.6510, -10.6739, 16.9691

Protanomaly

81.8350, -9.7787, 9.7917

Deuteranomaly

82.3410, -10.5211, 14.6099

Tritanomaly

83.1440, -5.0010, 17.4137

Monochromacy



Original Color

82.6510, -10.6739, 16.9691

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0070, -3.9475, 6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.6510, -10.6739, 16.9691 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(102, 77, 61)` looks like.

```
.text, #text, p{  
    color:rgb(102, 77, 61)  
}
```

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(102, 77, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 77, 61) }
```

Border

The CSS property to change the border of an element to YUV 82.6510, -10.6739, 16.9691 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(102, 77, 61) }
```


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

```
.border{ border-color:rgb(102, 77, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 77, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 77, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 77, 61);  
box-shadow:4px 4px 4px 4px rgb(102, 77,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 82.6510, -10.6739, 16.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 77, 61) }
```

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

```
.background{ background-color: rgb(102, 77,  
61) }
```

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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