

Converting Colors

YUV(86.7660, -11.7166,
24.7612)

Have a look what the booklet for
YUV(86.7660, -11.7166, 24.7612)
contains.

YUV(86.7660, -11.7166, 24.7612)	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(86.7660, -11.7166,
24.7612)**

Conversions

Conversions Part 1

Format	Color
Hex	734D3F
RGB	115, 77, 63
RGB Percent	45%, 30%, 25%
CMY	0.5490, 0.6980, 0.7529
CMYK	0.00, 0.33, 0.45, 0.55
HSL	16°, 29%, 35%
HSV	16°, 45%, 45%
XYZ	10.6213, 9.3115, 5.9401
YIQ	86.7660, 27.1420, 3.7020

Conversions

Conversions Part 2

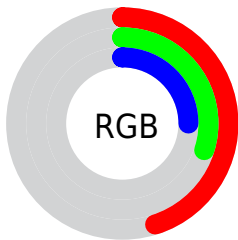
Format	Color
R_{YB}	115, 82, 63
Decimal	7556415
CIE _{Lab}	36.58, 14.21, 14.80
CIE _{LCh}	37, 20.513, 46.164
Yxy	9.3115, 0.4105, 0.3599
Android (android.graphics.Color)	4285746495 (0xFF734D3F)
YUV	86.7660, -11.7166, 24.7612
Hunter-Lab	30.5147, 8.7301, 9.8187

Details

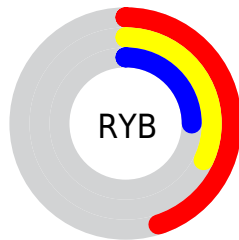
The YUV color $86.7660, -11.7166, 24.7612$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $91.2340, 11.7166, -24.7612$, and the grayscale version is $87.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $137.1470, -12.8905, 27.9351$, and $40.4990, -10.1060, 21.4874$ is the 20% darker color. If you saturate the color by 10%, you get $80.7020, -14.6431, 30.0793$, and if you desaturate by 10%, it is $92.8300, -8.7902, 19.4431$.

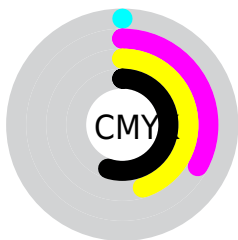
Distribution



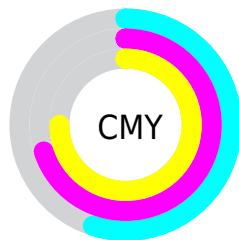
- Red (45%)
- Green (30%)
- Blue (25%)



- Red (45%)
- Yellow (32%)
- Blue (25%)



- Cyan (0%)
- Magenta (33%)
- Yellow (45%)
- Black (55%)



- Cyan (55%)
- Magenta (70%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7660, -11.7166, 24.7612 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 86.7660, -11.7166, 24.7612 by changing the saturation by 10% instead.

■ 86.7660, -11.7166,
24.7612

■ 86.7660, -11.7166,
24.7612

■ 255.0000, 0.0000,
0.0000

■ 62.9830, -10.8376,
22.8169

■ 137.1470,
-12.8905, 27.9351

■ 40.4990, -10.1060,
21.4874

■ 163.3320,
-13.4747, 28.6498

■ 19.0150, -9.3744,
20.1578

■ 190.8160,
-14.2063, 29.9794

■ 0.0000, 0.0000,
0.0000

■ 219.0010,
-14.7905, 30.6941

■ 238.9280,
-10.8105, 14.0951

■ 253.9740, -3.9312,

0.8998

■ 86.7660, -11.7166,
24.7612

■ 86.7660, -11.7166,
24.7612

■ 80.7020, -14.6431,
30.0793

■ 92.8300, -8.7902,
19.4431

■ 74.1650, -16.8433,
35.8123

■ 99.3670, -6.5899,
13.7101

■ 68.2150, -19.3330,
41.0304

■ 105.4310, -3.6635,
8.3920

■ 61.5640, -21.9701,
46.8634

■ 111.9680, -1.4632,
2.6591

■ 55.5000, -24.8965,
52.1815

■ 118.0320, 1.4632,
-2.6591

■ 52.5820, -25.9229,
54.7406

■ 123.9820, 3.9529,
-7.8772

■ 130.6330, 6.5899,
-13.7101

■ 136.5830, 9.0796,
-18.9283

■ 143.1200, 11.2798,
-24.6612

Harmonies

Analogous

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



87.9110, -4.8861, 27.2651



86.7660, -11.7166, 24.7612



85.3860, -15.4733, 16.3245

Triad

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



86.7660, -11.7166, 24.7612



79.0200, -0.5029, -25.4505



86.3700, 15.5936, -8.2175

Complementary

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



86.7660, -11.7166, 24.7612



91.2340, 11.7166, -24.7612

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.



81.5310, 17.9792, -26.7757



86.7660, -11.7166, 24.7612



76.1630, 9.2866, -38.7310

Square

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



86.7660, -11.7166, 24.7612



82.1160, -9.4242, -10.6257



76.2860, 16.1280, -39.7158



88.4000, 10.1558, 9.2962

Rectangle

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



86.7660, -11.7166, 24.7612



84.6300, -15.5936, 8.2175



76.2860, 16.1280, -39.7158



84.6790, 16.9203, -13.7505

Sweetspot

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



86.7660, -11.7166, 24.7612



138.8010, -4.8319, 9.8215



82.8800, 8.9332, 28.1692



69.5340, -3.2213, 6.5477



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.



86.7660, -11.7166, 24.7612



106.1330, -18.3066, 38.4714



102.0280, -19.2408, 11.3764



55.3810, -1.1738, 3.1739



55.8490, -27.5336, 58.0144



114.0790, -56.2409, 119.2027

Inverse Universe

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



91.2340, 11.7166, -24.7612



113.4540, 18.0172, -38.9862



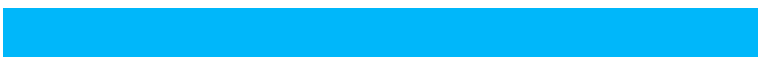
75.9720, 19.2408, -11.3764



56.0320, 1.4632, -2.6591



66.1510, 27.5336, -58.0144



135.9210, 56.2409, -119.2027

Previews

White Background



This preview shows how the YUV color 86.7660, -11.7166, 24.7612 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 86.7660, -11.7166, 24.7612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

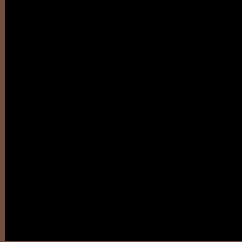
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7660, -11.7166, 24.7612

Background



This preview shows how black text looks on a background with the YUV color 86.7660, -11.7166, 24.7612.



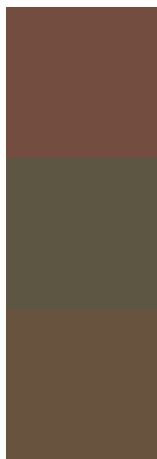
This preview shows how white text looks on a background with the YUV color 86.7660, -11.7166,

24.7612.

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

86.7660, -11.7166, 24.7612

Protanopia

85.6280, -9.1836, 5.5882

Deuteranopia

86.5860, -12.1209, 14.3951



Tritanopia

87.8290, -3.8597, 24.7060

Trichromacy



Original Color

86.7660, -11.7166, 24.7612

Protanomaly

86.1450, -9.9315, 12.1508

Deuteranomaly

86.6080, -12.1317, 17.8838

Tritanomaly

87.7320, -6.7699, 24.7910

Monochromacy



Original Color

86.7660, -11.7166, 24.7612

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.6160, -4.2477, 9.1068

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7660, -11.7166, 24.7612 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(115, 77, 63)` looks like.

```
.text, #text, p{  
    color:rgb(115, 77, 63)  
}
```

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(115, 77, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 77, 63) }
```

Border

The CSS property to change the border of an element to YUV 86.7660, -11.7166, 24.7612 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(115, 77, 63) }
```


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

```
.border{ border-color:rgb(115, 77, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 77, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 77, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 77, 63);  
box-shadow:4px 4px 4px 4px rgb(115, 77,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 86.7660, -11.7166, 24.7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 77, 63) }
```

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

```
.background{ background-color: rgb(115, 77,  
63) }
```

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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