

Converting Colors

YUV(87.1030, -12.8688,
20.9577)

Have a look what the booklet for
YUV(87.1030, -12.8688, 20.9577)
contains.

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Color

**YUV(87.1030, -12.8688,
20.9577)**

Conversions

Conversions Part 1

Format	Color
Hex	6F503D
RGB	111, 80, 61
RGB Percent	44%, 31%, 24%
CMY	0.5647, 0.6863, 0.7608
CMYK	0.00, 0.28, 0.45, 0.56
HSL	23°, 29%, 34%
HSV	23°, 45%, 44%
XYZ	10.2665, 9.4538, 5.6985
YIQ	87.1030, 24.5750, 0.6630

Conversions

Conversions Part 2

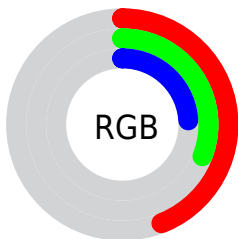
Format	Color
R_{YB}	111, 92, 61
Decimal	7295037
CIE Lab	36.84, 10.35, 16.30
CIE LCh	37, 19.306, 57.592
Yxy	9.4538, 0.4039, 0.3719
Android (android.graphics.Color)	4285485117 (0xFF6F503D)
YUV	87.1030, -12.8688, 20.9577
Hunter-Lab	30.7470, 5.7946, 10.5343

Details

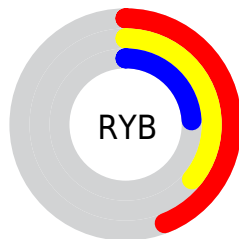
The YUV color $87.1030, -12.8688, 20.9577$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $84.8970, 12.8688, -20.9577$, and the grayscale version is $87.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $137.1850, -13.8952, 23.5168$, and $40.8360, -11.2581, 17.6838$ is the 20% darker color. If you saturate the color by 10%, you get $81.7400, -15.6478, 25.6610$, and if you desaturate by 10%, it is $92.4660, -10.0897, 16.2543$.

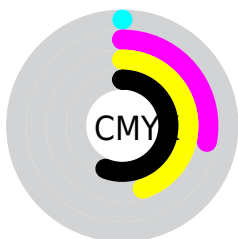
Distribution



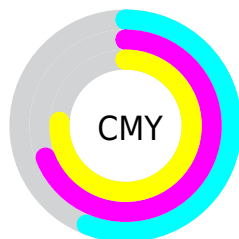
- Red (44%)
- Green (31%)
- Blue (24%)



- Red (44%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (28%)
- Yellow (45%)
- Black (56%)



- Cyan (56%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.1030, -12.8688, 20.9577 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 87.1030, -12.8688, 20.9577 by changing the saturation by 10% instead.

■ 87.1030, -12.8688,
20.9577

■ 87.1030, -12.8688,
20.9577

■ 255.0000, 0.0000,
0.0000

■ 63.6190, -12.1372,
19.6281

■ 137.1850,
-13.8952, 23.5168

■ 40.8360, -11.2581,
17.6838

■ 163.6690,
-14.6268, 24.8463

■ 20.4660, -10.0897,
16.2543

■ 190.8540,
-15.2110, 25.5610

■ 0.0000, 0.0000,
0.0000

■ 219.0390,
-15.7952, 26.2758

■ 240.4610,
-12.5523, 12.7507

■ 253.6320, -5.2416,

1.1997

■ 87.1030, -12.8688,
20.9577

■ 87.1030, -12.8688,
20.9577

■ 81.7400, -15.6478,
25.6610

■ 92.4660, -10.0897,
16.2543

■ 76.3770, -18.4269,
30.3644

■ 97.8290, -7.3107,
11.5510

■ 71.0140, -21.2059,
35.0677

■ 103.1920, -4.5317,
6.8476

■ 65.6510, -23.9849,
39.7711

■ 108.5550, -1.7526,
2.1443

■ 60.8750, -27.0534,
43.9596

■ 113.4450, 1.7526,
-2.1443

■ 57.8430, -28.5166,
46.6187

■ 118.8080, 4.5317,
-6.8476

■ 124.1710, 7.3107,
-11.5510

■ 129.5340, 10.0897,
-16.2543

■ 134.8970, 12.8688,
-20.9577

Harmonies

Analogous

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



87.9170, -7.3541, 25.5058



87.1030, -12.8688, 20.9577



85.8800, -14.7308, 11.5062

Triad

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



87.1030, -12.8688, 20.9577



79.5080, 2.7076, -28.5095



87.7300, 12.9511, -0.6402

Complementary

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



87.1030, -12.8688, 20.9577



84.8970, 12.8688, -20.9577

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.



84.7170, 15.9155, -18.1688



87.1030, -12.8688, 20.9577



77.6300, 11.0284, -37.3865

Square

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



87.1030, -12.8688, 20.9577



81.7070, -5.7716, -15.5290



80.2160, 15.6695, -32.6384



89.0370, 7.3768, 13.9996

Rectangle

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



87.1030, -12.8688, 20.9577



85.0530, -13.8301, 2.5845



80.2160, 15.6695, -32.6384



87.0390, 14.2778, -6.1732

Sweetspot

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



87.1030, -12.8688, 20.9577



135.6760, -5.2633, 8.1771



79.5980, 6.6072, 27.5396



67.8220, -3.3632, 5.4181



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



87.1030, -12.8688, 20.9577



107.9320, -20.1795, 32.5086



101.1910, -19.8142, 8.6025



53.5550, -1.7526, 2.1443



62.8820, -31.0008, 50.0925



129.0310, -63.6123, 103.4588

Inverse Universe

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



84.8970, 12.8688, -20.9577



104.6550, 19.8901, -33.0234



70.8090, 19.8142, -8.6025



53.0320, 1.4632, -2.6591



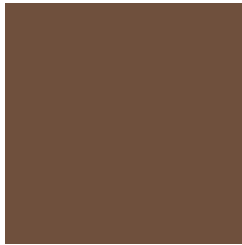
57.1180, 31.0008, -50.0925



117.9690, 63.6123, -103.4588

Previews

White Background



This preview shows how the YUV color 87.1030, -12.8688, 20.9577 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 87.1030, -12.8688, 20.9577 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 87.1030, -12.8688, 20.9577

Background



This preview shows how black text looks on a background with the YUV color 87.1030, -12.8688, 20.9577.

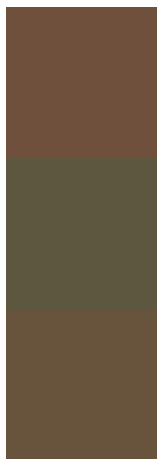


This preview shows how white text looks on a background with the YUV color 87.1030, -12.8688,

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

87.1030, -12.8688, 20.9577

Protanopia

86.1720, -10.9308, 5.9882

Deuteranopia

86.6570, -13.1419, 15.2098



Tritanopia

88.4480, -2.6859, 21.5321

Trichromacy



Original Color

87.1030, -12.8688, 20.9577

Protanomaly

86.3900, -11.5313, 11.9360

Deuteranomaly

86.9670, -13.2947, 17.5689

Tritanomaly

87.8240, -6.3222, 21.2024

Monochromacy



Original Color

87.1030, -12.8688, 20.9577

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9040, -4.3897, 7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.1030, -12.8688, 20.9577 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(111, 80, 61)` looks like.

```
.text, #text, p{  
    color:rgb(111, 80, 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(111, 80, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 80, 61) }
```

Border

The CSS property to change the border of an element to YUV 87.1030, -12.8688, 20.9577 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(111, 80, 61) }
```


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

```
.border{ border-color:rgb(111, 80, 61) }
```

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

Here you see how a box with a 4 pixel rgb(111, 80, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 80, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 80, 61);  
box-shadow:4px 4px 4px 4px rgb(111, 80,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 87.1030, -12.8688, 20.9577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 80, 61) }
```

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

```
.background{ background-color: rgb(111, 80,  
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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