

Converting Colors

YUV(87.1840, -8.9647, 28.7796)

Have a look what the booklet for
YUV(87.1840, -8.9647, 28.7796)
contains.

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Color

**YUV(87.1840, -8.9647,
28.7796)**

Conversions

Conversions Part 1

Format	Color
Hex	784A45
RGB	120, 74, 69
RGB Percent	47%, 29%, 27%
CMY	0.5294, 0.7098, 0.7294
CMYK	0.00, 0.38, 0.43, 0.53
HSL	6°, 27%, 37%
HSV	6°, 43%, 47%
XYZ	11.2687, 9.3203, 6.8353
YIQ	87.1840, 29.0210, 8.1970

Conversions

Conversions Part 2

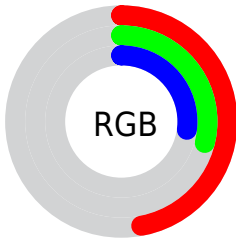
Format	Color
R_{YB}	120, 75, 69
Decimal	7883333
CIE _{Lab}	36.59, 18.93, 11.19
CIE _{LCh}	37, 21.993, 30.589
Yxy	9.3203, 0.4109, 0.3399
Android (android.graphics.Color)	4286073413 (0xFF784A45)
YUV	87.1840, -8.9647, 28.7796
Hunter-Lab	30.5292, 12.4605, 8.0957

Details

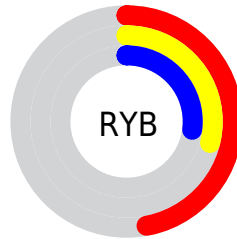
The YUV color **87.1840, -8.9647, 28.7796** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **101.8160, 8.9647, -28.7796**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5650, -10.1385, 31.9535**, and **40.6180, -7.2067, 24.8910** is the 20% darker color. If you saturate the color by 10%, you get **79.3590, -11.0230, 35.6422**, and if you desaturate by 10%, it is **95.0090, -6.9064, 21.9171**.

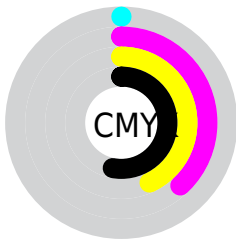
Distribution



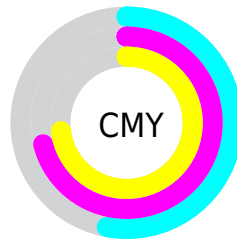
- Red (47%)
- Green (29%)
- Blue (27%)



- Red (47%)
- Yellow (29%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (53%)



- Cyan (53%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.1840, -8.9647, 28.7796 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 87.1840, -8.9647, 28.7796 by changing the saturation by 10% instead.

87.1840, -8.9647,
28.7796

87.1840, -8.9647,
28.7796

255.0000, 0.0000,
0.0000

63.4010, -8.0857,
26.8353

137.5650,
-10.1385, 31.9535

40.6180, -7.2067,
24.8910

164.1630,
-10.4334, 33.1830

17.8630, -8.8065,
24.6761

191.6470,
-11.1650, 34.5126

3.2890, -1.6215,
6.7625

218.3370,
-11.0121, 32.1535

0.0000, 0.0000,
0.0000

237.9650, -6.8847,
14.9397

254.7720, -0.8736,

0.2000

■ 87.1840, -8.9647,
28.7796

■ 87.1840, -8.9647,
28.7796

■ 79.3590, -11.0230,
35.6422

■ 95.0090, -6.9064,
21.9171

■ 71.5340, -13.0813,
42.5047

■ 102.8340, -4.8482,
15.0546

■ 64.2960, -15.4289,
48.8524

■ 110.0720, -2.5005,
8.7069

■ 56.4710, -17.4872,
55.7149

■ 117.8970, -0.4422,
1.8443

■ 48.6460, -19.5455,
62.5775

■ 125.7220, 1.6161,
-5.0182

■ 42.9240, -21.1615,
67.5957

■ 133.5470, 3.6743,
-11.8807

■ 141.3720, 5.7326,
-18.7432

■ 149.1970, 7.7909,
-25.6058

■ 156.4350, 10.1385,
-31.9535

Harmonies

Analogous

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



87.6490, -0.8130, 27.4948



87.1840, -8.9647, 28.7796



86.2450, -14.9108, 22.5871

Triad

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



87.1840, -8.9647, 28.7796



80.2720, -6.0501, -19.5325



83.9880, 18.2469, -19.2835

Complementary

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



87.1840, -8.9647, 28.7796



101.8160, 8.9647, -28.7796

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.



76.7960, 19.3276, -39.2861



87.1840, -8.9647, 28.7796



76.6210, 4.6238, -36.5016

Square

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



87.1840, -8.9647, 28.7796



82.7210, -13.6665, -3.2633



72.8890, 14.8447, -48.1377



87.3820, 14.1087, 1.4190

Rectangle

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



87.1840, -8.9647, 28.7796



85.3320, -16.9257, 15.4948



72.8890, 14.8447, -48.1377



81.5850, 19.4316, -25.9460

Sweetspot

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



87.1840, -8.9647, 28.7796



142.4530, -3.6743, 11.8807



89.6070, 13.0117, 26.6547



71.0610, -2.4951, 6.9625



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.



87.1840, -8.9647, 28.7796



104.6160, -14.1077, 45.0638



101.8590, -16.1995, 15.9097



57.3810, -1.1738, 3.1739



44.4190, -21.8986, 70.6695



90.0230, -44.3813, 142.0538

Inverse Universe

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



101.8160, 8.9647, -28.7796



127.3840, 14.1077, -45.0638



87.1410, 16.1995, -15.9097



59.2060, 0.8844, -3.6887



80.5810, 21.8986, -70.6695



162.5640, 44.0919, -142.5686

Previews

White Background



This preview shows how the YUV color 87.1840, -8.9647, 28.7796 looks on a white background.

Color Contrast Check

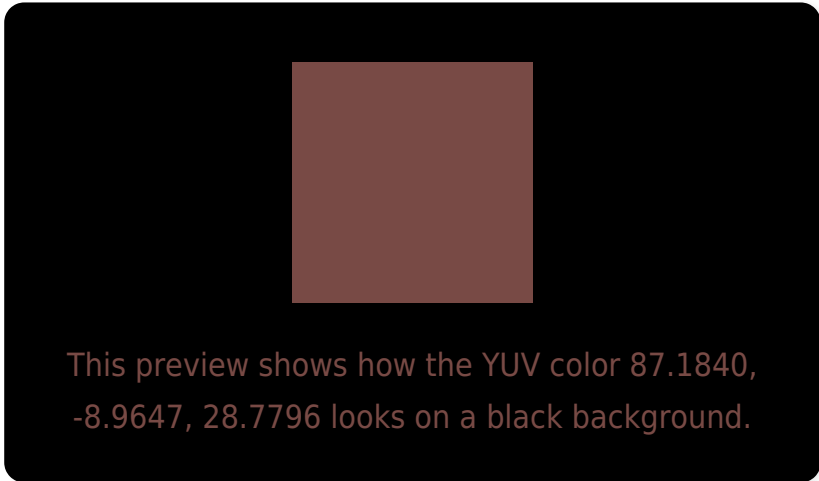
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 87.1840, -8.9647, 28.7796

Background



This preview shows how black text looks on a background with the YUV color 87.1840, -8.9647, 28.7796.

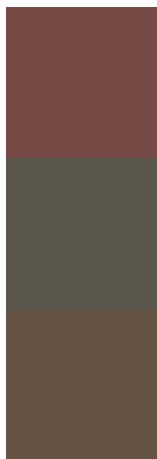


This preview shows how white text looks on a background with the YUV color 87.1840, -8.9647,

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

87.1840, -8.9647, 28.7796

Protanopia

86.2410, -5.5418, 4.1736

Deuteranopia

86.5580, -9.6421, 12.6656



Tritanopia

87.9220, -4.8915, 29.0094

Trichromacy



Original Color

87.1840, -8.9647, 28.7796

Protanomaly

86.9540, -6.8793, 13.1953

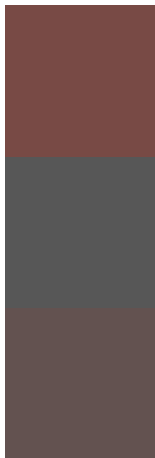
Deuteranomaly

87.0040, -9.3690, 18.4135

Tritanomaly

87.5800, -6.2019, 29.3093

Monochromacy



Original Color

87.1840, -8.9647, 28.7796

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8550, -3.3795, 10.6512

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.1840, -8.9647, 28.7796 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, 74, 69)` looks like.

```
.text, #text, p{  
    color:rgb(120, 74, 69)  
}
```

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, 74, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 74, 69) }
```

Border

The CSS property to change the border of an element to YUV 87.1840, -8.9647, 28.7796 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, 74, 69) }
```


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

```
.border{ border-color:rgb(120, 74, 69) }
```

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

Here you see how a box with a 4 pixel rgb(120, 74, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 74, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 74, 69);  
box-shadow:4px 4px 4px 4px rgb(120, 74,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 87.1840, -8.9647, 28.7796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 74, 69) }
```

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

```
.background{ background-color: rgb(120, 74,  
69) }
```

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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