

Converting Colors

YUV(80.1830, -7.4852, 20.8875)

Have a look what the booklet for
YUV(80.1830, -7.4852, 20.8875)
contains.

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Color

**YUV(80.1830, -7.4852,
20.8875)**

Conversions

Conversions Part 1

Format	Color
Hex	684741
RGB	104, 71, 65
RGB Percent	41%, 28%, 25%
CMY	0.5922, 0.7216, 0.7451
CMYK	0.00, 0.32, 0.38, 0.59
HSL	9°, 23%, 33%
HSV	9°, 38%, 41%
XYZ	8.9163, 7.8312, 6.0427
YIQ	80.1830, 21.5940, 5.1300

Conversions

Conversions Part 2

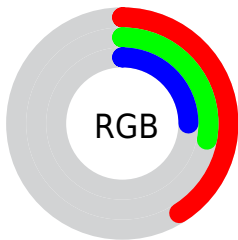
Format	Color
R_{YB}	104, 72, 65
Decimal	6833985
CIE Lab	33.63, 13.27, 9.28
CIE LCh	34, 16.193, 34.963
Yxy	7.8312, 0.3912, 0.3436
Android (android.graphics.Color)	4285024065 (0xFF684741)
YUV	80.1830, -7.4852, 20.8875
Hunter-Lab	27.9843, 7.9009, 6.7865

Details

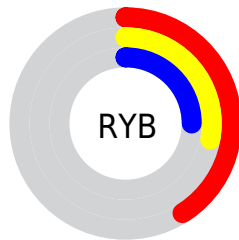
The YUV color **80.1830, -7.4852, 20.8875** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.8170, 7.4852, -20.8875**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.9660, -8.3642, 22.8318**, and **34.9160, -5.8746, 17.6137** is the 20% darker color. If you saturate the color by 10%, you get **73.7600, -9.2487, 26.5205**, and if you desaturate by 10%, it is **86.6060, -5.7218, 15.2545**.

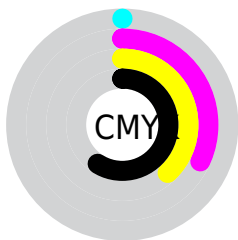
Distribution



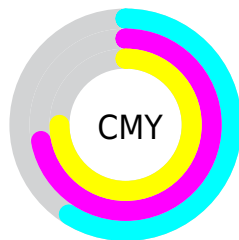
- Red (41%)
- Green (28%)
- Blue (25%)



- Red (41%)
- Yellow (28%)
- Blue (25%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (59%)



- Cyan (59%)
- Magenta (72%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.1830, -7.4852, 20.8875 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 80.1830, -7.4852, 20.8875 by changing the saturation by 10% instead.

80.1830, -7.4852,
20.8875

80.1830, -7.4852,
20.8875

255.0000, 0.0000,
0.0000

56.6990, -6.7536,
19.5580

129.9660, -8.3642,
22.8318

34.9160, -5.8746,
17.6137

155.8630, -8.8065,
24.6761

11.6390, -5.7380,
20.4876

183.1620, -8.9539,
25.2909

0.0000, 0.0000,
0.0000

210.4610, -9.1013,
25.9057

234.4600, -7.6218,
18.0136

254.2020, -3.0576,

0.6998

■ 80.1830, -7.4852,
20.8875

■ 80.1830, -7.4852,
20.8875

■ 73.7600, -9.2487,
26.5205

■ 86.6060, -5.7218,
15.2545

■ 67.2230, -11.4489,
32.2534

■ 93.1430, -3.5215,
9.5216

■ 61.3870, -13.5018,
37.3716

■ 98.9790, -1.4686,
4.4034

■ 54.8500, -15.7020,
43.1046

■ 105.5160, 0.7316,
-1.3295

■ 48.4270, -17.4655,
48.7375

■ 111.9390, 2.4951,
-6.9625

■ 42.0040, -19.2290,
54.3705

■ 118.3620, 4.2585,
-12.5955

■ 40.4880, -19.9606,
55.7000

■ 124.8990, 6.4588,
-18.3284

■ 130.7350, 8.5116,
-23.4466

■ 137.2720, 10.7119,
-29.1795

Harmonies

Analogous

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



80.9640, -1.9543, 20.2026



80.1830, -7.4852, 20.8875



79.4120, -11.5421, 15.4247

Triad

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



80.1830, -7.4852, 20.8875



74.6900, -3.2982, -15.5141



78.5500, 12.5469, -11.0063

Complementary

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



80.1830, -7.4852, 20.8875



88.8170, 7.4852, -20.8875

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.



74.7010, 13.4584, -23.4168



80.1830, -7.4852, 20.8875



72.8720, 4.0071, -25.3207

Square

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



80.1830, -7.4852, 20.8875



76.8610, -9.2985, -4.2631



73.0440, 9.8383, -28.9796



80.5410, 9.5933, 3.0335

Rectangle

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



80.1830, -7.4852, 20.8875



78.8520, -12.2520, 9.7768



73.0440, 9.8383, -28.9796



77.3430, 13.1419, -15.2098

Sweetspot

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



80.1830, -7.4852, 20.8875



126.2460, -3.0793, 7.6773



80.4230, 8.6655, 20.6770



63.2780, -1.6161, 5.0182



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



80.1830, -7.4852, 20.8875



98.1090, -11.8857, 32.3534



91.3360, -12.9836, 11.1063



48.0820, -1.0264, 2.5591



44.9510, -22.1608, 61.4330



94.0770, -46.3800, 129.7285

Inverse Universe

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



88.8170, 7.4852, -20.8875



111.4780, 11.5963, -32.8682



77.6640, 12.9836, -11.1063



48.9180, 1.0264, -2.5591



70.0490, 22.1608, -61.4330



147.9230, 46.3800, -129.7285

Previews

White Background



This preview shows how the YUV color 80.1830, -7.4852, 20.8875 looks on a white background.

Color Contrast Check

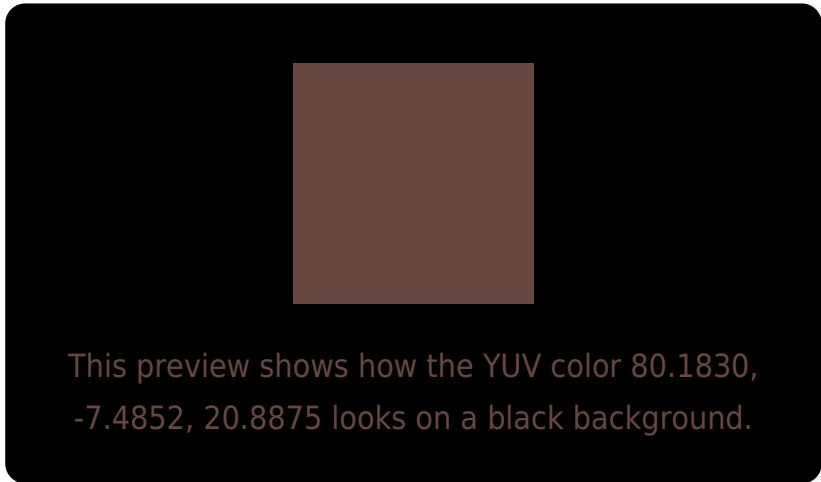
Large Text (above 18pt) WCAG AA ✓ Pass

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

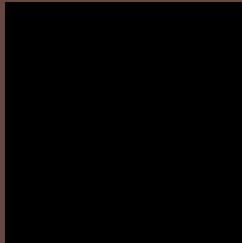
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.1830, -7.4852, 20.8875

Background



This preview shows how black text looks on a background with the YUV color 80.1830, -7.4852, 20.8875.

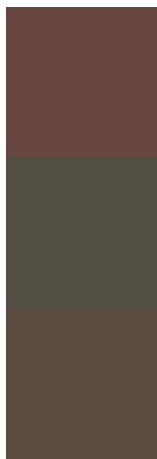


This preview shows how white text looks on a background with the YUV color 80.1830, -7.4852,

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

80.1830, -7.4852, 20.8875

Protanopia

79.0560, -4.9576, 3.4589

Deuteranopia

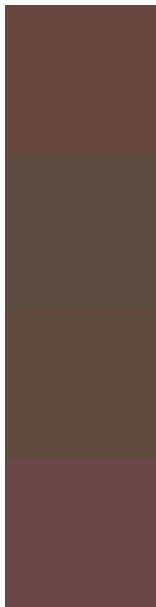
79.4160, -7.6001, 11.0362



Tritanopia

81.0350, -2.9753, 21.0173

Trichromacy



Original Color

80.1830, -7.4852, 20.8875

Protanomaly

79.5730, -5.7055, 10.0215

Deuteranomaly

79.4380, -7.6109, 14.5249

Tritanomaly

80.5790, -4.7224, 21.4172

Monochromacy



Original Color

80.1830, -7.4852, 20.8875

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3600, -2.6425, 7.5773

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1830, -7.4852, 20.8875 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(104, 71, 65)` looks like.

```
.text, #text, p{  
    color:rgb(104, 71, 65)  
}
```

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(104, 71, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 71, 65) }
```

Border

The CSS property to change the border of an element to YUV 80.1830, -7.4852, 20.8875 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(104, 71, 65) }
```


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

```
.border{ border-color:rgb(104, 71, 65) }
```

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

Here you see how a box with a 4 pixel rgb(104, 71, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 71, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 71, 65);  
box-shadow:4px 4px 4px 4px rgb(104, 71,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 80.1830, -7.4852, 20.8875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 71, 65) }
```

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

```
.background{ background-color: rgb(104, 71,  
65) }
```

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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