

Converting Colors

YUV(84.3030, -6.0654, 32.1833)

Have a look what the booklet for
YUV(84.3030, -6.0654, 32.1833)
contains.

YUV(84.3030, -6.0654, 32.1833)	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(84.3030, -6.0654,
32.1833)**

Conversions

Conversions Part 1

Format	Color
Hex	794448
RGB	121, 68, 72
RGB Percent	47%, 27%, 28%
CMY	0.5255, 0.7333, 0.7176
CMYK	0.00, 0.44, 0.40, 0.53
HSL	355°, 28%, 37%
HSV	355°, 44%, 47%
XYZ	11.1220, 8.6671, 7.2176
YIQ	84.3030, 30.3040, 12.4800

Conversions

Conversions Part 2

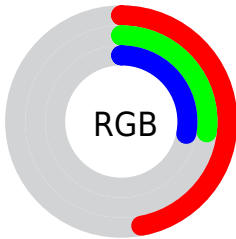
Format	Color
R_{YB}	121, 68, 72
Decimal	7947336
CIE _{Lab}	35.34, 23.29, 7.57
CIE _{LCh}	35, 24.486, 18.001
Yxy	8.6671, 0.4118, 0.3209
Android (android.graphics.Color)	4286137416 (0xFF794448)
YUV	84.3030, -6.0654, 32.1833
Hunter-Lab	29.4399, 15.9150, 6.0721

Details

The YUV color **84.3030, -6.0654, 32.1833** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **104.6970, 6.0654, -32.1833**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6840, -7.2392, 35.3571**, and **37.1500, -4.0179, 28.8095** is the 20% darker color. If you saturate the color by 10%, you get **76.0050, -7.3975, 39.4606**, and if you desaturate by 10%, it is **92.6010, -4.7333, 24.9059**.

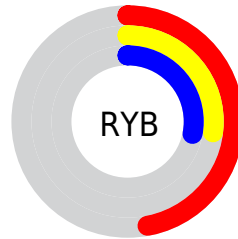
Distribution



Red (47%)

Green (27%)

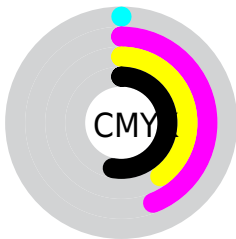
Blue (28%)



Red (47%)

Yellow (27%)

Blue (28%)

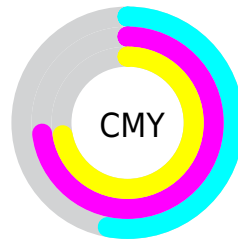


Cyan (0%)

Magenta (44%)

Yellow (40%)

Black (53%)



Cyan (53%)

Magenta (73%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.3030, -6.0654, 32.1833 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 84.3030, -6.0654, 32.1833 by changing the saturation by 10% instead.

84.3030, -6.0654,
32.1833

84.3030, -6.0654,
32.1833

255.0000, 0.0000,
0.0000

60.5200, -5.1864,
30.2390

134.6840, -7.2392,
35.3571

37.1500, -4.0179,
28.8095

161.2820, -7.5340,
36.5867

14.2810, -6.0545,
28.6946

188.8800, -7.8288,
37.8162

2.3920, -1.1793,
4.9182

214.6840, -7.2392,
35.3571

0.0000, 0.0000,
0.0000

234.3120, -3.1118,
18.1434

254.4130, 0.2894,

0.5148

■ 84.3030, -6.0654,
32.1833

■ 84.3030, -6.0654,
32.1833

■ 76.0050, -7.3975,
39.4606

■ 92.6010, -4.7333,
24.9059

■ 67.7070, -8.7296,
46.7380

■ 100.8990, -3.4012,
17.6286

■ 59.2950, -10.4984,
54.1153

■ 109.3110, -1.6323,
10.2513

■ 50.9970, -11.8305,
61.3926

■ 117.6090, -0.3002,
2.9739

■ 42.6990, -13.1626,
68.6700

■ 125.9070, 1.0318,
-4.3034

■ 37.2050, -13.9051,
73.4882

■ 134.7920, 2.0745,
-12.0956

■ 143.0900, 3.4066,
-19.3729

■ 151.3880, 4.7387,
-26.6503

■ 159.8000, 6.5076,
-34.0276

Harmonies

Analogous

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



85.0880, 3.4076, 27.1098



84.3030, -6.0654, 32.1833



83.2180, -13.9115, 28.7498

Triad

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



84.3030, -6.0654, 32.1833



77.7520, -10.7237, -13.8145



76.2250, 22.0741, -33.5233

Complementary

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



84.3030, -6.0654, 32.1833



104.6970, 6.0654, -32.1833

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.



66.7720, 22.2974, -58.5590



84.3030, -6.0654, 32.1833



73.4920, 0.2504, -33.7575

Square

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



84.3030, -6.0654, 32.1833



80.7280, -17.6139, 2.8695



65.4210, 14.5824, -57.3742



83.0540, 18.2144, -8.8174

Rectangle

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



84.3030, -6.0654, 32.1833



82.8490, -17.6736, 22.0574



65.4210, 14.5824, -57.3742



72.6860, 22.8328, -43.5746

Sweetspot

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



84.3030, -6.0654, 32.1833



144.0940, -2.5113, 12.1956



88.6930, 15.9274, 24.8252



70.0010, -1.4795, 7.8921



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.



84.3030, -6.0654, 32.1833



99.9140, -9.3246, 50.9414



96.7610, -14.1792, 21.2576



56.9080, -0.4476, 3.5887



38.4010, -14.4947, 75.9473



77.5140, -28.8474, 153.0242

Inverse Universe

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



84.3030, -6.0654, 32.1833



99.9140, -9.3246, 50.9414



92.2390, 14.1792, -21.2576



56.9080, -0.4476, 3.5887



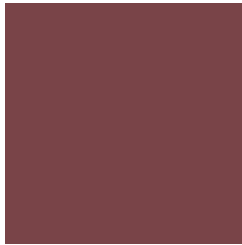
38.4010, -14.4947, 75.9473



77.5140, -28.8474, 153.0242

Previews

White Background



This preview shows how the YUV color 84.3030, -6.0654, 32.1833 looks on a white background.

Color Contrast Check

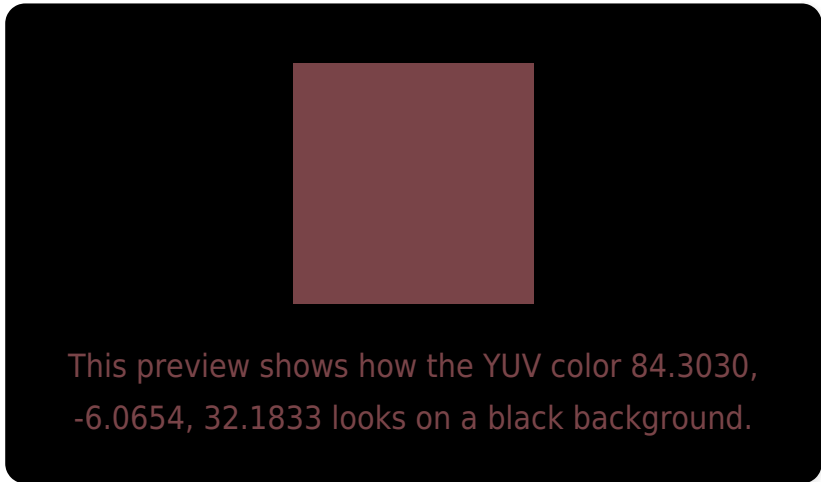
Large Text (above 18pt) WCAG AA ✓ Pass

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

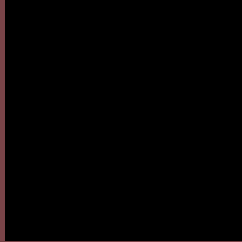
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.3030, -6.0654, 32.1833

Background



This preview shows how black text looks on a background with the YUV color 84.3030, -6.0654, 32.1833.



This preview shows how white text looks on a background with the YUV color 84.3030, -6.0654,

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

84.3030, -6.0654, 32.1833

Protanopia

83.5550, -1.7526, 2.1443

Deuteranopia

83.6440, -6.7265, 10.8362



Tritanopia

84.4170, -5.6286, 32.0833

Trichromacy



Original Color

84.3030, -6.0654, 32.1833

Protanomaly

84.1650, -3.5323, 13.0103

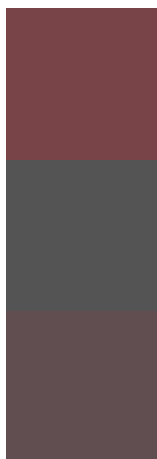
Deuteranomaly

84.1010, -6.4588, 18.3284

Tritanomaly

84.4170, -5.6286, 32.0833

Monochromacy



Original Color

84.3030, -6.0654, 32.1833

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9090, -1.9271, 11.4808

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.3030, -6.0654, 32.1833 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(121, 68, 72)` looks like.

```
.text, #text, p{  
    color:rgb(121, 68, 72)  
}
```

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(121, 68, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 68, 72) }
```

Border

The CSS property to change the border of an element to YUV 84.3030, -6.0654, 32.1833 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(121, 68, 72) }
```


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

```
.border{ border-color:rgb(121, 68, 72) }
```

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

Here you see how a box with a 4 pixel rgb(121, 68, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 68, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 68, 72);  
box-shadow:4px 4px 4px 4px rgb(121, 68,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 84.3030, -6.0654, 32.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 68, 72) }
```

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

```
.background{ background-color: rgb(121, 68,  
72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor