

Converting Colors

YUV(84.2880, -30.2150,
31.3194)

Have a look what the booklet for
YUV(84.2880, -30.2150, 31.3194)
contains.

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Color

**YUV(84.2880, -30.2150,
31.3194)**

Conversions

Conversions Part 1

Format	Color
Hex	784E17
RGB	120, 78, 23
RGB Percent	47%, 31%, 9%
CMY	0.5294, 0.6941, 0.9098
CMYK	0.00, 0.35, 0.81, 0.53
HSL	34°, 68%, 28%
HSV	34°, 81%, 47%
XYZ	10.6248, 9.5037, 2.0850
YIQ	84.2880, 42.6870, -8.2010

Conversions

Conversions Part 2

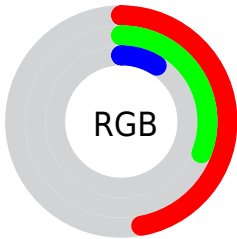
Format	Color
RYB	97, 120, 23
Decimal	7884311
CIELab	36.94, 12.68, 37.76
CIELCh	37, 39.836, 71.433
Yxy	9.5037, 0.4783, 0.4278
Android (android.graphics.Color)	4286074391 (0xFF784E17)
YUV	84.2880, -30.2150, 31.3194
Hunter-Lab	30.8281, 7.5701, 17.5696

Details

The YUV color **84.2880, -30.2150, 31.3194** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **58.7120, 30.2150, -31.3194**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1530, -32.1204, 35.8228**, and **39.9910, -19.7156, 23.6869** is the 20% darker color. If you saturate the color by 10%, you get **79.9850, -34.0096, 35.0932**, and if you desaturate by 10%, it is **88.5910, -26.4204, 27.5457**.

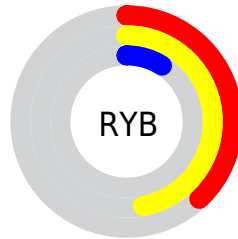
Distribution



Red (47%)

Green (31%)

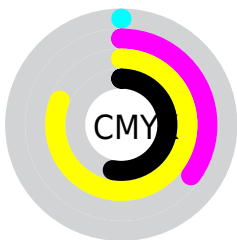
Blue (9%)



Red (38%)

Yellow (47%)

Blue (9%)

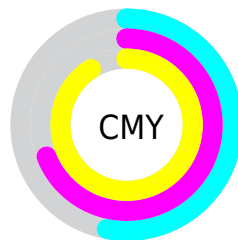


Cyan (0%)

Magenta (35%)

Yellow (81%)

Black (53%)



Cyan (53%)

Magenta (69%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2880, -30.2150, 31.3194 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 84.2880, -30.2150, 31.3194 by changing the saturation by 10% instead.

84.2880, -30.2150,
31.3194

84.2880, -30.2150,
31.3194

255.0000, 0.0000,
0.0000

60.0920, -29.6254,
28.8603

135.1530,
-32.1204, 35.8228

39.9910, -19.7156,
23.6869

161.9360,
-32.9994, 37.7671

19.8900, -9.8058,
18.5135

189.3060,
-34.1679, 39.1966

0.0000, 0.0000,
0.0000

214.5120,
-33.2834, 35.5080

234.6130,
-29.8822, 17.8794

248.8440,

-23.5871, 5.3988

■ 252.0360,
-11.3567, 2.5994

■ 84.2880, -30.2150,
31.3194

■ 84.2880, -30.2150,
31.3194

■ 79.9850, -34.0096,
35.0932

■ 88.5910, -26.4204,
27.5457

■ 75.7960, -37.3674,
38.7669

■ 92.8940, -22.6257,
23.7720

■ 97.7840, -19.1205,
19.4834

■ 102.0870,
-15.3259, 15.7097

■ 106.3900,
-11.5313, 11.9360

■ 110.6930, -7.7366,
8.1622

■ 114.9960, -3.9420,
4.3885

■ 119.8860, -0.4368,
0.1000

■ 124.1890, 3.3578,
-3.6738

Harmonies

Analogous

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



84.9600, -19.2073, 47.3931



84.2880, -30.2150, 31.3194



81.6890, -31.8917, 9.0427

Triad

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



84.2880, -30.2150, 31.3194



71.1600, 13.7251, -62.4073



89.3370, 22.5119, 12.8595

Complementary

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



84.2880, -30.2150, 31.3194



58.7120, 30.2150, -31.3194

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.



81.6350, 33.7039, -30.3749



84.2880, -30.2150, 31.3194



73.9930, 27.1185, -64.8919

Square

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



84.2880, -30.2150, 31.3194



66.6970, -0.8366, -58.4933



73.1100, 36.4278, -64.1175



88.4840, 9.6214, 40.7945

Rectangle

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



84.2880, -30.2150, 31.3194



79.8870, -25.5803, -8.6709



73.1100, 36.4278, -64.1175



88.5850, 26.3336, 0.3640

Sweetspot

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



84.2880, -30.2150, 31.3194



141.6890, -11.6787, 12.5507



56.7910, 4.0470, 55.4343



70.5080, -7.1524, 7.4475



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.



84.2880, -30.2150, 31.3194



100.0440, -46.8567, 49.0734



107.1480, -41.4850, 6.0092



59.1420, -2.0420, 1.6295



79.0520, -38.9726, 40.2964



159.2890, -78.5295, 81.3075

Inverse Universe

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



58.7120, 30.2150, -31.3194



60.3690, 47.1461, -48.5586



35.8520, 41.4850, -6.0092



57.4450, 1.7526, -2.1443



45.9480, 38.9726, -40.2964



92.7110, 78.5295, -81.3075

Previews

White Background



This preview shows how the YUV color 84.2880, -30.2150, 31.3194 looks on a white background.

Color Contrast Check

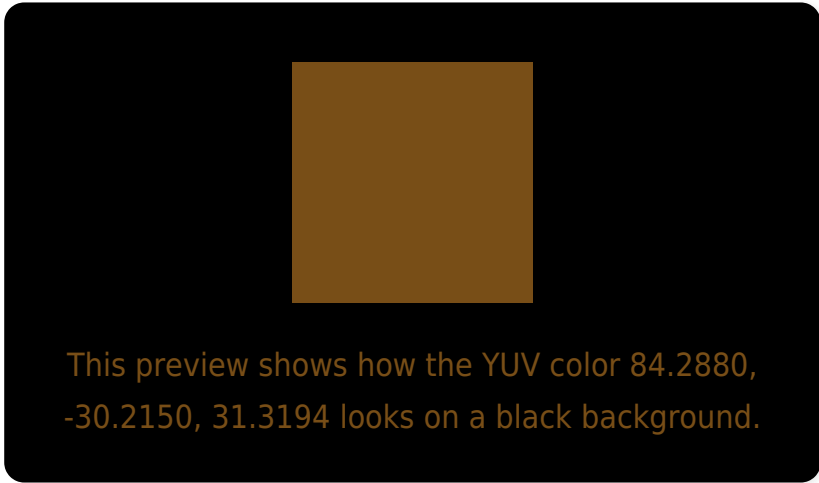
Large Text (above 18pt) WCAG AA ✓ Pass

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

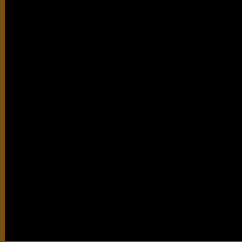
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.2880, -30.2150, 31.3194

Background



This preview shows how black text looks on a background with the YUV color 84.2880, -30.2150, 31.3194.



This preview shows how white text looks on a background with the YUV color 84.2880, -30.2150,

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

84.2880, -30.2150, 31.3194

Protanopia

83.8080, -28.9923, 12.4464

Deuteranopia

84.0050, -31.0615, 22.7976



Tritanopia

88.5200, -5.1864, 30.2390

Trichromacy



Original Color

84.2880, -30.2150, 31.3194

Protanomaly

83.7380, -29.4508, 19.5238

Deuteranomaly

84.1410, -30.6355, 26.1863

Tritanomaly

87.1150, -14.3537, 30.5941

Monochromacy



Original Color

84.2880, -30.2150, 31.3194

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2050, -10.9471, 11.2212

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2880, -30.2150, 31.3194 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, 78, 23)` looks like.

```
.text, #text, p{  
    color:rgb(120, 78, 23)  
}
```

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, 78, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 78, 23) }
```

Border

The CSS property to change the border of an element to YUV 84.2880, -30.2150, 31.3194 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, 78, 23) }
```


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

```
.border{ border-color:rgb(120, 78, 23) }
```

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

Here you see how a box with a 4 pixel rgb(120, 78, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 78, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 78, 23);  
box-shadow:4px 4px 4px 4px rgb(120, 78,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 84.2880, -30.2150, 31.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 78, 23) }
```

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

```
.background{ background-color: rgb(120, 78,  
23) }
```

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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