

Converting Colors

YUV(84.0080, -18.7379,
36.8270)

Have a look what the booklet for
YUV(84.0080, -18.7379, 36.8270)
contains.

YUV(84.0080, -18.7379, 36.8270)	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(84.0080, -18.7379,
36.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	7E462E
RGB	126, 70, 46
RGB Percent	49%, 27%, 18%
CMY	0.5059, 0.7255, 0.8196
CMYK	0.00, 0.44, 0.63, 0.51
HSL	18°, 47%, 34%
HSV	18°, 63%, 49%
XYZ	11.2875, 9.0132, 3.7296
YIQ	84.0080, 41.0800, 4.4080

Conversions

Conversions Part 2

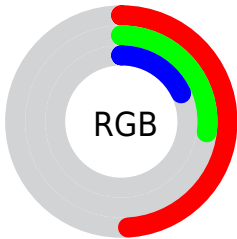
Format	Color
R_{YB}	126, 80, 46
Decimal	8275502
CIE _{Lab}	36.01, 21.59, 24.72
CIE _{LCh}	36, 32.818, 48.870
Yxy	9.0132, 0.4697, 0.3751
Android (android.graphics.Color)	4286465582 (0xFF7E462E)
YUV	84.0080, -18.7379, 36.8270
Hunter-Lab	30.0220, 14.5729, 13.6499

Details

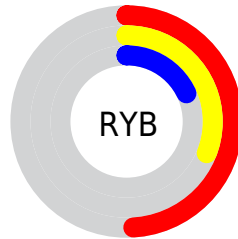
The YUV color **84.0080, -18.7379, 36.8270** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **87.9920, 18.7379, -36.8270**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7590, -21.0802, 41.4304**, and **36.5020, -17.9955, 32.0087** is the 20% darker color. If you saturate the color by 10%, you get **77.2430, -21.8118, 42.7599**, and if you desaturate by 10%, it is **90.7730, -15.6641, 30.8941**.

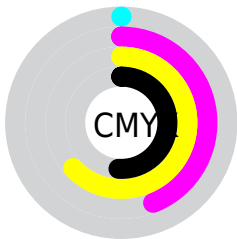
Distribution



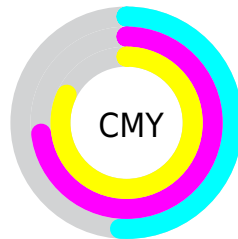
- Red (49%)
- Green (27%)
- Blue (18%)



- Red (49%)
- Yellow (31%)
- Blue (18%)



- Cyan (0%)
- Magenta (44%)
- Yellow (63%)
- Black (51%)



- Cyan (51%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0080, -18.7379, 36.8270 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 84.0080, -18.7379, 36.8270 by changing the saturation by 10% instead.

■ 84.0080, -18.7379,
36.8270

■ 84.0080, -18.7379,
36.8270

■ 255.0000, 0.0000,
0.0000

■ 60.0400, -17.2747,
34.1679

■ 134.7590,
-21.0802, 41.4304

■ 36.5020, -17.9955,
32.0087

■ 161.5420,
-21.9592, 43.3747

■ 15.8140, -7.7963,
27.3501

■ 189.0260,
-22.6908, 44.7042

■ 3.2890, -1.6215,
6.7625

■ 212.4380,
-20.9219, 37.3269

■ 0.0000, 0.0000,
0.0000

■ 231.9520,
-17.2313, 20.2131

■ 251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 84.0080, -18.7379,
36.8270

■ 84.0080, -18.7379,
36.8270

■ 77.2430, -21.8118,
42.7599

■ 90.7730, -15.6641,
30.8941

■ 70.5920, -24.4489,
48.5928

■ 97.4240, -13.0270,
25.0612

■ 64.4140, -27.8121,
54.0109

■ 103.6020, -9.6638,
19.6430

■ 59.9800, -29.5701,
57.8995

■ 110.2530, -7.0267,
13.8101

■ 117.0180, -3.9529,
7.8772

■ 123.7830, -0.8790,
1.9443

■ 130.4340, 1.7580,
-3.8886

■ 137.1990, 4.8319,
-9.8215

■ 143.2630, 7.7583,
-15.1397

Harmonies

Analogous

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



84.9130, -7.8451, 43.0493



84.0080, -18.7379, 36.8270



82.9000, -25.0937, 22.0127

Triad

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



84.0080, -18.7379, 36.8270



65.3750, 4.2521, -57.3339



84.3400, 24.4824, -12.5762

Complementary

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



84.0080, -18.7379, 36.8270



87.9920, 18.7379, -36.8270

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.



68.3340, 33.3593, -59.9289



84.0080, -18.7379, 36.8270



69.0400, 15.7563, -60.5481

Square

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



84.0080, -18.7379, 36.8270



76.6110, -13.6122, -20.7068



70.4880, 26.3814, -61.8180



87.3500, 16.0965, 17.2331

Rectangle

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



84.0080, -18.7379, 36.8270



81.4100, -25.3451, 9.2874



70.4880, 26.3814, -61.8180



81.0610, 27.5779, -25.4865

Sweetspot

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



84.0080, -18.7379, 36.8270



146.5520, -7.1741, 14.4249



76.3040, 12.6681, 43.5834



71.6160, -4.2477, 9.1068



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



84.0080, -18.7379, 36.8270



97.7950, -28.9859, 57.1848



107.4880, -30.3136, 16.2350



60.2670, -1.6106, 3.2738



60.5780, -29.8650, 59.1291



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.9920, 18.7379, -36.8270



104.2050, 28.9859, -57.1848



64.5120, 30.3136, -16.2350



60.7330, 1.6106, -3.2738



66.8350, 30.1543, -58.6143



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 84.0080, -18.7379, 36.8270 looks on a white background.

Color Contrast Check

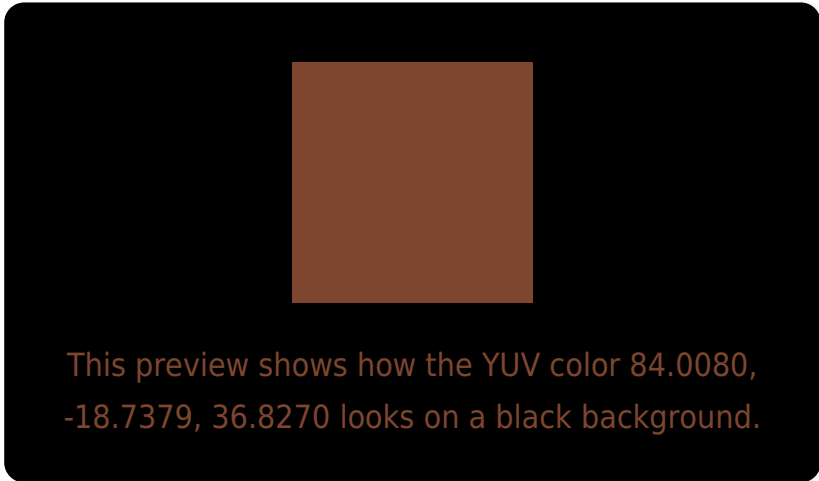
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.0080, -18.7379, 36.8270

Background



This preview shows how black text looks on a background with the YUV color 84.0080, -18.7379, 36.8270.



This preview shows how white text looks on a background with the YUV color 84.0080, -18.7379,

36.8270.

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

84.0080, -18.7379, 36.8270

Protanopia

83.5160, -16.0304, 8.3175

Deuteranopia

83.9580, -19.6993, 18.4538



Tritanopia

85.8090, -6.8078, 37.0015

Trichromacy



Original Color

84.0080, -18.7379, 36.8270

Protanomaly

83.9410, -17.2259, 18.4687

Deuteranomaly

84.1160, -19.2842, 25.3313

Tritanomaly

85.0710, -10.8810, 36.7717

Monochromacy



Original Color

84.0080, -18.7379, 36.8270

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9540, -6.8793, 13.1953

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0080, -18.7379, 36.8270 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(126, 70, 46)` looks like.

```
.text, #text, p{  
    color:rgb(126, 70, 46)  
}
```

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(126, 70, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 70, 46) }
```

Border

The CSS property to change the border of an element to YUV 84.0080, -18.7379, 36.8270 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(126, 70, 46) }
```


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

```
.border{ border-color:rgb(126, 70, 46) }
```

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

Here you see how a box with a 4 pixel rgb(126, 70, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 70, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 70, 46);  
box-shadow:4px 4px 4px 4px rgb(126, 70,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 84.0080, -18.7379, 36.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 70, 46) }
```

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

```
.background{ background-color: rgb(126, 70,  
46) }
```

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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