

Converting Colors

YUV(182.6860, -84.1482,
63.4194)

Have a look what the booklet for
YUV(182.6860, -84.1482, 63.4194)
contains.

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Color

**YUV(182.6860, -84.1482,
63.4194)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB30C
RGB	255, 179, 12
RGB Percent	100%, 70%, 5%
CMY	0.0000, 0.2980, 0.9529
CMYK	0.00, 0.30, 0.95, 0.00
HSL	41°, 100%, 52%
HSV	41°, 95%, 100%
XYZ	57.4265, 53.5267, 7.6528
YIQ	182.6860, 98.9030, -35.8250

Conversions

Conversions Part 2

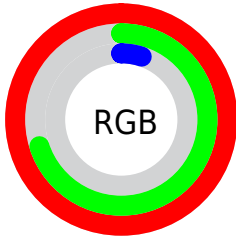
Format	Color
R _Y B	123, 255, 12
Decimal	16757516
CIE Lab	78.18, 16.73, 79.85
CIE LCh	78, 81.584, 78.169
Yxy	53.5267, 0.4842, 0.4513
Android (android.graphics.Color)	4294947596 (0xFFFFB30C)
YUV	182.6860, -84.1482, 63.4194
Hunter-Lab	73.1620, 12.0752, 45.0116

Details

The YUV color **182.6860, -84.1482, 63.4194** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **84.3140, 84.1482, -63.4194**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8800, -68.4678, 27.2922**, and **131.9570, -65.0548, 52.6577** is the 20% darker color. If you saturate the color by 10%, you get **178.9700, -88.2322, 66.6783**, and if you desaturate by 10%, it is **190.3460, -75.1066, 56.7016**.

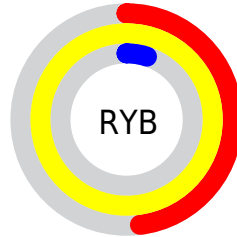
Distribution



Red (100%)

Green (70%)

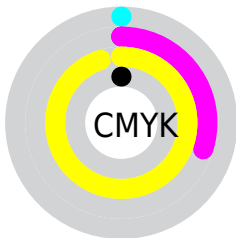
Blue (5%)



Red (48%)

Yellow (100%)

Blue (5%)

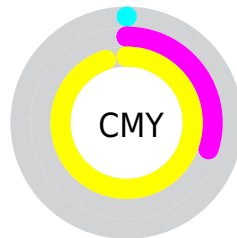


Cyan (0%)

Magenta (30%)

Yellow (95%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.6860, -84.1482, 63.4194 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 182.6860, -84.1482, 63.4194 by changing the saturation by 10% instead.

182.6860,
-84.1482, 63.4194

182.6860,
-84.1482, 63.4194

255.0000, 0.0000,
0.0000

155.9010,
-76.8592, 58.8458

223.8800,
-68.4678, 27.2922

131.9570,
-65.0548, 52.6577

238.9260,
-61.5885, 14.0969

108.3120,
-53.3978, 47.0844

242.2320,
-48.9214, 11.1975

85.2540, -42.0302,
40.9962

245.4240,
-36.6910, 8.3982

62.7830, -30.9520,
34.3933

248.7300,
-24.0239, 5.4988

41.7960, -20.6054,
29.1199

252.1500,

21.9830, -10.8376,

-10.9200, 2.4994

22.8169

■ 5.9800, -2.9481,
12.2955

■ 0.0000, 0.0000,
0.0000

■ 182.6860,
-84.1482, 63.4194

■ 182.6860,
-84.1482, 63.4194

■ 178.9700,
-88.2322, 66.6783

■ 190.3460,
-75.1066, 56.7016

■ 197.8920,
-66.5018, 50.0837

■ 205.5520,
-57.4601, 43.3659

■ 213.0980,
-48.8553, 36.7481

■ 220.7580,
-39.8137, 30.0302

■ 228.3040,
-31.2089, 23.4124

■ 235.9640,
-22.1673, 16.6946

■ 243.5100,
-13.5624, 10.0767

■ 251.1700, -4.5208,
3.3589

Harmonies

Analogous

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



171.7680, -44.7486, 72.9945



182.6860, -84.1482, 63.4194



176.1600, -83.3959, 8.6297

Triad

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



182.6860, -84.1482, 63.4194



161.6690, 38.1242, -141.7837



194.2400, 29.9547, 52.4095

Complementary

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



182.6860, -84.1482, 63.4194



84.3140, 84.1482, -63.4194

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.



176.8230, 38.5413, -41.9408



182.6860, -84.1482, 63.4194



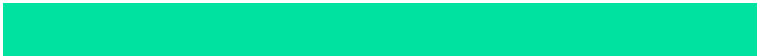
160.5580, 46.5599, -140.8094

Square

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



182.6860, -84.1482, 63.4194



151.4890, 4.1959, -132.8559



152.9270, 50.3220, -134.1170



173.1500, 26.5481, 71.7825

Rectangle

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



182.6860, -84.1482, 63.4194



171.7300, -54.5899, -37.4742



152.9270, 50.3220, -134.1170



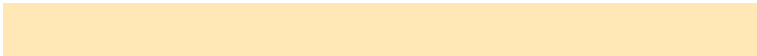
191.7160, 31.1990, 26.5591

Sweetspot

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



182.6860, -84.1482, 63.4194



233.0630, -25.6671, 19.2387



93.4350, -2.1865, 141.6925



114.6520, -15.6044, 11.7062



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



182.6860, -84.1482, 63.4194



178.9700, -88.2322, 66.6783



213.8430, -99.5086, -3.3703



124.1700, -4.5208, 3.3589



134.0060, -66.0650, 49.9837



44.9640, -22.1673, 16.6946

Inverse Universe

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



84.3140, 84.1482, -63.4194



76.0300, 88.2322, -66.6783



53.1570, 99.5086, 3.3703



118.8300, 4.5208, -3.3589



56.9940, 66.0650, -49.9837



19.0360, 22.1673, -16.6946

Previews

White Background



This preview shows how the YUV color 182.6860, -84.1482, 63.4194 looks on a white 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

Black Background



This preview shows how the YUV color 182.6860, -84.1482, 63.4194 looks on a black 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

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

YUV 182.6860, -84.1482, 63.4194 Background



This preview shows how black text looks on a background with the YUV color 182.6860, -84.1482, 63.4194.



This preview shows how white text looks on a background with the YUV color 182.6860, -84.1482, 63.4194.

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

182.6860, -84.1482, 63.4194

Protanopia

181.3400, -79.5406, 32.1508

Deuteranopia

181.2630, -89.3627, 55.8973



Tritanopia

196.6690, -7.7248, 51.1563

Trichromacy



Original Color

182.6860, -84.1482, 63.4194

Protanomaly

181.9500, -81.3203, 43.0169

Deuteranomaly

181.7410, -87.6263, 58.9861

Tritanomaly

191.4760, -35.2377, 55.7105

Monochromacy



Original Color

182.6860, -84.1482, 63.4194

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

183.1190, -30.6247, 22.6976

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.6860, -84.1482, 63.4194 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(255, 179, 12)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 12)  
}
```

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(255, 179, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 12) }
```

Border

The CSS property to change the border of an element to YUV 182.6860, -84.1482, 63.4194 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(255, 179, 12) }
```


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

```
.border{ border-color:rgb(255, 179, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 12);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 182.6860, -84.1482, 63.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 12) }
```

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

```
.background{ background-color: rgb(255,  
179, 12) }
```

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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