

Converting Colors

YUV(190.3740, -30.7504,
16.3350)

Have a look what the booklet for
YUV(190.3740, -30.7504, 16.3350)
contains.

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Color

**YUV(190.3740, -30.7504,
16.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C180
RGB	209, 193, 128
RGB Percent	82%, 76%, 50%
CMY	0.1804, 0.2431, 0.4980
CMYK	0.00, 0.08, 0.39, 0.18
HSL	48°, 47%, 66%
HSV	48°, 39%, 82%
XYZ	49.2607, 53.2538, 28.1048
YIQ	190.3740, 30.4010, -16.8230

Conversions

Conversions Part 2

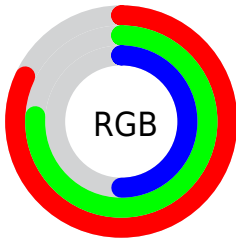
Format	Color
RYB	148, 209, 128
Decimal	13746560
CIELab	78.02, -3.65, 34.77
CIElCh	78, 34.961, 95.993
Yxy	53.2538, 0.3771, 0.4077
Android (android.graphics.Color)	4291936640 (0xFFD1C180)
YUV	190.3740, -30.7504, 16.3350
Hunter-Lab	72.9752, -7.2129, 28.2484

Details

The YUV color $190.3740, -30.7504, 16.3350$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $146.6260, 30.7504, -16.3350$, and the grayscale version is $191.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.1560, -30.1499, 10.3872$, and $136.8190, -28.9978, 14.1907$ is the 20% darker color. If you saturate the color by 10%, you get $185.6320, -38.7656, 20.4937$, and if you desaturate by 10%, it is $195.1160, -22.7352, 12.1763$.

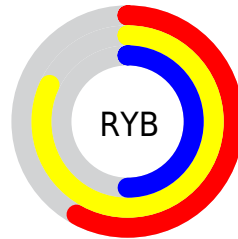
Distribution



Red (82%)

Green (76%)

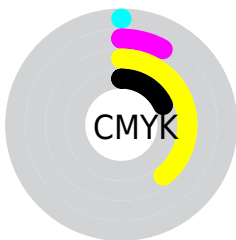
Blue (50%)



Red (58%)

Yellow (82%)

Blue (50%)

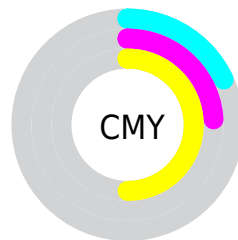


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (18%)



Cyan (18%)

Magenta (24%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.3740, -30.7504, 16.3350 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 190.3740, -30.7504, 16.3350 by changing the saturation by 10% instead.

■ 190.3740,
-30.7504, 16.3350

■ 190.3740,
-30.7504, 16.3350

255.0000, 0.0000,
0.0000

■ 163.1890,
-30.1662, 15.6202

■ 243.1560,
-30.1499, 10.3872

■ 136.8190,
-28.9978, 14.1907

■ 249.7560,
-20.0927, 4.5990

■ 110.7480,
-27.9768, 13.3760

■ 253.0620, -7.4256,
1.6996

■ 86.1500, -27.6819,
12.1465

■ 62.3240, -28.2607,
11.1169

■ 41.6640, -20.5404,
8.1877

■ 22.1610, -10.9254,

4.2438

0.0000, 0.0000,
0.0000

190.3740,
-30.7504, 16.3350

190.3740,
-30.7504, 16.3350

185.6320,
-38.7656, 20.4937

195.1160,
-22.7352, 12.1763

180.8900,
-46.7808, 24.6525

199.8580,
-14.7200, 8.0175

176.1480,
-54.7960, 28.8112

204.6000, -6.7048,
3.8588

170.8190,
-62.5218, 33.4847

209.9290, 1.0210,
-0.8147

166.1910,
-70.1002, 37.5435

214.6710, 9.0362,
-4.9735

■ 161.4490,
-78.1154, 41.7022

■ 219.2990, 16.6146,
-9.0322

■ 161.1070,
-79.4258, 42.0022

■ 221.8750, 16.3306,
-11.2914

■ 224.2230, 15.1731,
-13.3506

■ 226.5710, 14.0155,
-15.4098

Harmonies

Analogous

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



192.9730, -29.0737, 38.6117



190.3740, -30.7504, 16.3350



186.5600, -22.9541, -11.0151

Triad

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



190.3740, -30.7504, 16.3350



174.0190, 27.5986, -78.9467



197.8040, 10.9426, 37.0059

Complementary

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



190.3740, -30.7504, 16.3350



146.6260, 30.7504, -16.3350

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.



196.3580, 23.9805, 8.4560



190.3740, -30.7504, 16.3350



180.9640, 34.5277, -61.3584

Square

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



190.3740, -30.7504, 16.3350



176.1440, 11.2680, -67.6553



190.4890, 31.8039, -27.6159



196.1790, -4.5252, 51.5860

Rectangle

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



190.3740, -30.7504, 16.3350



183.5450, -13.5797, -31.1730



190.4890, 31.8039, -27.6159



197.7150, 15.9165, 28.3139

Sweetspot

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



190.3740, -30.7504, 16.3350



247.9440, -11.8044, 6.1881



154.0430, -4.9512, 48.1973



123.6000, -6.7048, 3.8588



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.



190.3740, -30.7504, 16.3350



227.2320, -45.4704, 24.3525



192.5900, -31.8429, -6.6564



101.9850, -3.9366, 2.6442



129.4770, -63.8322, 33.7847



31.6300, -15.5936, 8.2175

Inverse Universe

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



146.6260, 30.7504, -16.3350



162.7680, 45.4704, -24.3525



144.4100, 31.8429, 6.6564



96.4280, 4.2260, -2.1294



38.5230, 63.8322, -33.7847



9.3700, 15.5936, -8.2175

Previews

White Background



This preview shows how the YUV color 190.3740, -30.7504, 16.3350 looks on a white background.

Color Contrast Check

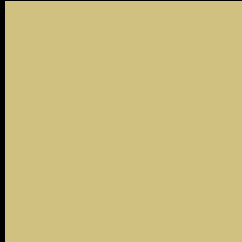
Large Text (above 18pt) WCAG AA × Fail

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 190.3740, -30.7504, 16.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

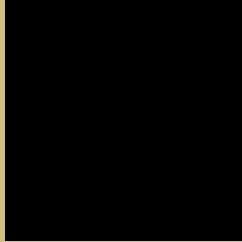
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.3740, -30.7504, 16.3350

Background



This preview shows how black text looks on a background with the YUV color 190.3740, -30.7504, 16.3350.

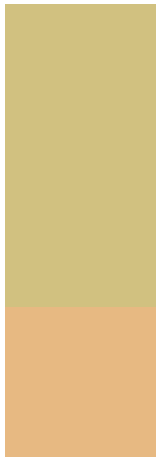


This preview shows how white text looks on a background with the YUV color 190.3740, -30.7504, 16.3350.

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

190.3740, -30.7504, 16.3350

Protanopia

190.3740, -30.7504, 16.3350

Deuteranopia

192.4840, -30.8046, 33.7785



Tritanopia

195.5770, 1.6875, 18.7880

Trichromacy



Original Color

190.3740, -30.7504, 16.3350

Protanomaly

190.3740, -30.7504, 16.3350

Deuteranomaly

191.7390, -30.9303, 27.4159

Tritanomaly

193.4770, -10.0952, 17.9987

Monochromacy



Original Color

190.3740, -30.7504, 16.3350

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0580, -11.3676, 6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3740, -30.7504, 16.3350 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(209, 193, 128)` looks like.

```
.text, #text, p{  
    color:rgb(209, 193, 128)  
}
```

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(209, 193, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 193, 128) }
```

Border

The CSS property to change the border of an element to YUV 190.3740, -30.7504, 16.3350 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(209, 193, 128) }
```


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

```
.border{ border-color:rgb(209, 193, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 193, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 193, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 193, 128);  
box-shadow:4px 4px 4px 4px rgb(209, 193,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 190.3740, -30.7504, 16.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 193, 128) }
```

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

```
.background{ background-color: rgb(209,  
193, 128) }
```

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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