

Converting Colors

YUV(202.2530, -30.6907,
-2.8529)

Have a look what the booklet for
YUV(202.2530, -30.6907, -2.8529)
contains.

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Color

**YUV(202.2530, -30.6907,
-2.8529)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D88C
RGB	199, 216, 140
RGB Percent	78%, 85%, 55%
CMY	0.2196, 0.1529, 0.4510
CMYK	0.08, 0.00, 0.35, 0.15
HSL	73°, 49%, 70%
HSV	73°, 35%, 85%
XYZ	52.8427, 63.1473, 34.2145
YIQ	202.2530, 14.2640, -27.2400

Conversions

Conversions Part 2

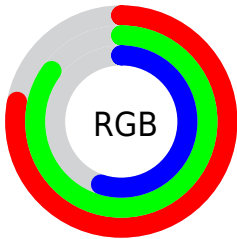
Format	Color
RYB	140, 216, 157
Decimal	13097100
CIELab	83.52, -17.83, 35.61
CIElCh	84, 39.828, 116.593
Yxy	63.1473, 0.3518, 0.4204
Android (android.graphics.Color)	4291287180 (0xFFC7D88C)
YUV	202.2530, -30.6907, -2.8529
Hunter-Lab	79.4653, -20.3656, 30.0979

Details

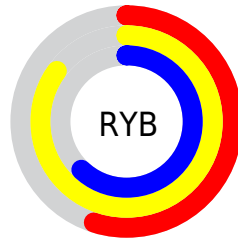
The YUV color $202.2530, -30.6907, -2.8529$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $153.7470, 30.6907, 2.8529$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.0460, -26.6447, 6.0987$, and $147.7090, -28.9435, -3.2528$ is the 20% darker color. If you saturate the color by 10%, you get $198.2500, -39.5632, -3.7273$, and if you desaturate by 10%, it is $206.2560, -21.8182, -1.9785$.

Distribution



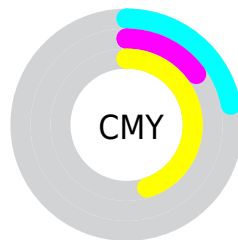
- Red (78%)
- Green (85%)
- Blue (55%)



- Red (55%)
- Yellow (85%)
- Blue (62%)



- Cyan (8%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.2530, -30.6907, -2.8529 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 202.2530, -30.6907, -2.8529 by changing the saturation by 10% instead.

■ 202.2530,
-30.6907, -2.8529

■ 202.2530,
-30.6907, -2.8529

255.0000, 0.0000,
0.0000

■ 174.4810,
-29.8171, -3.0528

■ 248.0460,
-26.6447, 6.0987

■ 147.7090,
-28.9435, -3.2528

■ 251.2380,
-14.4143, 3.2993

■ 121.8230,
-28.5067, -3.3528

■ 254.5440, -1.7472,
0.3999

■ 96.6380, -27.9225,
-4.0675

■ 71.7520, -27.4857,
-4.1675

■ 49.5500, -24.4281,
-4.8673

■ 29.4600, -14.5238,

-8.2964

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 202.2530,
-30.6907, -2.8529

■ 202.2530,
-30.6907, -2.8529

■ 198.2500,
-39.5632, -3.7273

■ 206.2560,
-21.8182, -1.9785

■ 194.3610,
-47.9990, -4.7016

■ 210.1450,
-13.3825, -1.0042

■ 190.6570,
-57.0189, -4.9612

■ 213.8490, -4.3626,
-0.7446

■ 186.7680,
-65.4546, -5.9355

■ 217.7380, 4.0732,
0.2298

■ 182.7650,
-74.3271, -6.8099

■ 221.7410, 12.9457,
1.1041

■ 178.7620,
-83.1997, -7.6843

■ 224.0340, 15.2662,
3.4782

■ 177.0240,
-87.2728, -7.9140

■ 225.5290, 14.5292,
6.5521

■ 227.0240, 13.7922,
9.6260

■ 228.2200, 13.2025,
12.0851

Harmonies

Analogous

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



206.0720, -36.0245, 28.0009



202.2530, -30.6907, -2.8529



196.7570, -15.1632, -36.6209

Triad

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



202.2530, -30.6907, -2.8529



187.4790, 33.2879, -83.7351



206.3010, 3.7956, 42.7090

Complementary

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



202.2530, -30.6907, -2.8529



153.7470, 30.6907, 2.8529

Split Complementary

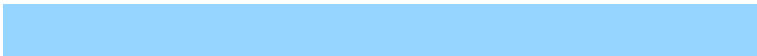
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



213.6170, 17.9368, 33.6619



202.2530, -30.6907, -2.8529



198.6520, 27.7796, -43.5448

Square

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



202.2530, -30.6907, -2.8529



183.3220, 27.9423, -95.8754



208.3630, 22.9920, -1.1954



203.1430, -13.3815, 45.4786

Rectangle

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



202.2530, -30.6907, -2.8529



191.9850, -0.9786, -59.6228



208.3630, 22.9920, -1.1954



208.3700, 9.1846, 40.8945

Sweetspot

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



202.2530, -30.6907, -2.8529



250.0140, -11.3459, -0.8893



172.1160, -15.8332, 38.4863



124.8660, -6.8359, -0.7595



0.0000, 0.0000, 0.0000



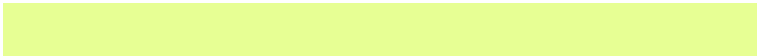
128.0000, 0.0000, 0.0000

Same Dimension

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



202.2530, -30.6907, -2.8529



235.6260, -43.1996, -4.0570



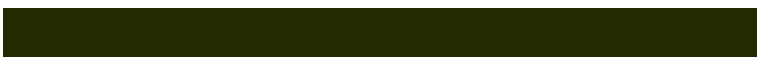
191.1900, -25.2367, -25.5996



105.1480, -4.5100, -0.1298



140.1440, -69.0910, -6.2653



35.4070, -17.4557, -1.2339

Inverse Universe

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



153.7470, 30.6907, 2.8529



167.3740, 43.1996, 4.0570



164.8100, 25.2367, 25.5996



98.1510, 4.3626, 0.7446



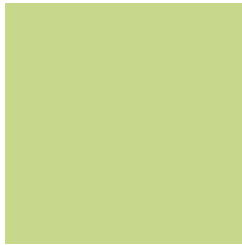
30.8560, 69.0910, 6.2653



7.8920, 17.3082, 1.8487

Previews

White Background



This preview shows how the YUV color 202.2530, -30.6907, -2.8529 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 202.2530, -30.6907, -2.8529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

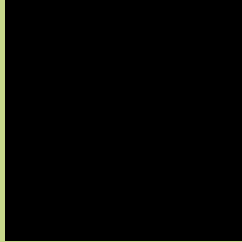
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.2530, -30.6907, -2.8529

Background



This preview shows how black text looks on a background with the YUV color 202.2530, -30.6907, -2.8529.



This preview shows how white text looks on a background with the YUV color 202.2530, -30.6907, -2.8529.

-2.8529.

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

202.2530, -30.6907, -2.8529

Protanopia

205.2880, -33.6660, 18.1644

Deuteranopia

207.3810, -31.2468, 35.6229



Tritanopia

209.0200, 6.3991, 0.8595

Trichromacy



Original Color

202.2530, -30.6907, -2.8529

Protanomaly

204.1730, -32.6233, 10.3723

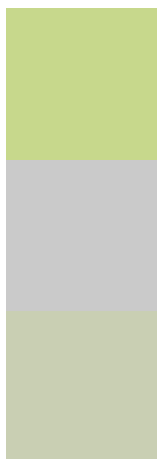
Deuteranomaly

205.4070, -30.7667, 21.5681

Tritanomaly

206.7520, -7.2727, -0.6595

Monochromacy



Original Color

202.2530, -30.6907, -2.8529

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.0140, -11.3459, -0.8893

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.2530, -30.6907, -2.8529 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(199, 216, 140)` looks like.

```
.text, #text, p{  
    color:rgb(199, 216, 140)  
}
```

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(199, 216, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 216, 140) }
```

Border

The CSS property to change the border of an element to YUV 202.2530, -30.6907, -2.8529 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(199, 216, 140) }
```


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

```
.border{ border-color:rgb(199, 216, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 216, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 216, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 216, 140);  
box-shadow:4px 4px 4px 4px rgb(199, 216,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 202.2530, -30.6907, -2.8529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 216, 140) }
```

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

```
.background{ background-color: rgb(199,  
216, 140) }
```

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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