

Converting Colors

YUV(197.7100, -30.4230,
4.6393)

Have a look what the booklet for
YUV(197.7100, -30.4230, 4.6393)
contains.

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Color

**YUV(197.7100, -30.4230,
4.6393)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCF88
RGB	203, 207, 136
RGB Percent	80%, 81%, 53%
CMY	0.2039, 0.1882, 0.4667
CMYK	0.02, 0.00, 0.34, 0.19
HSL	63°, 43%, 67%
HSV	63°, 34%, 81%
XYZ	51.3854, 59.0997, 31.9916
YIQ	197.7100, 20.4070, -22.9290

Conversions

Conversions Part 2

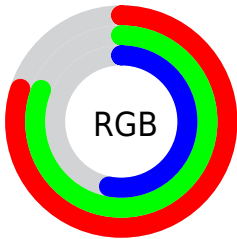
Format	Color
R_{YB}	136, 207, 140
Decimal	13356936
CIE _{Lab}	81.35, -12.28, 34.88
CIE _{LCh}	81, 36.975, 109.389
Yxy	59.0997, 0.3607, 0.4148
Android (android.graphics.Color)	4291547016 (0xFFCBCF88)
YUV	197.7100, -30.4230, 4.6393
Hunter-Lab	76.8763, -15.2214, 29.1403

Details

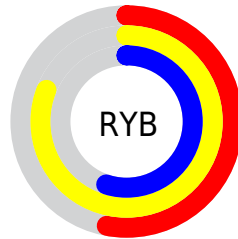
The YUV color $197.7100, -30.4230, 4.6393$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $145.2900, 30.4230, -4.6393$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.5900, -28.3919, 6.4986$, and $143.7530, -28.9652, 3.7246$ is the 20% darker color. If you saturate the color by 10%, you get $195.0170, -39.4484, 6.1241$, and if you desaturate by 10%, it is $200.4030, -21.3977, 3.1546$.

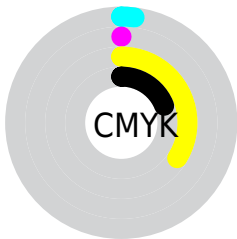
Distribution



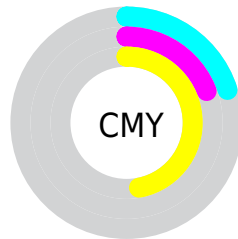
- Red (80%)
- Green (81%)
- Blue (53%)



- Red (53%)
- Yellow (81%)
- Blue (55%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7100, -30.4230, 4.6393 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 197.7100, -30.4230, 4.6393 by changing the saturation by 10% instead.

■ 197.7100,
-30.4230, 4.6393

■ 197.7100,
-30.4230, 4.6393

255.0000, 0.0000,
0.0000

■ 170.5250,
-29.8388, 3.9246

■ 247.5900,
-28.3919, 6.4986

■ 143.7530,
-28.9652, 3.7246

■ 250.7820,
-16.1615, 3.6992

■ 117.6820,
-27.9442, 2.9099

■ 254.0880, -3.4944,
0.7998

■ 92.7960, -27.5074,
2.8099

■ 68.3830, -27.7968,
2.2951

■ 46.6370, -22.9920,
1.1954

■ 27.1340, -13.3771,

-2.7485

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 197.7100,
-30.4230, 4.6393

■ 197.7100,
-30.4230, 4.6393

■ 195.0170,
-39.4484, 6.1241

■ 200.4030,
-21.3977, 3.1546

■ 192.4380,
-48.0369, 7.5089

■ 202.9820,
-12.8091, 1.7698

■ 189.7450,
-57.0623, 8.9936

■ 205.6750, -3.7838,
0.2850

■ 186.7530,
-65.9402, 9.8636

■ 208.6670, 5.0942,
-0.5850

■ 184.1740,
-74.5288, 11.2484

■ 211.3600, 14.1195,
-2.0697

■ 181.4810,
-83.5541, 12.7332

■ 213.3690, 20.5241,
-2.9546

■ 179.8140,
-88.6483, 13.3181

■ 213.6680, 20.3767,
-2.3398

■ 213.9670, 20.2293,
-1.7251

■ 214.2660, 20.0819,
-1.1103

Harmonies

Analogous

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



201.1910, -33.1252, 31.4045



197.7100, -30.4230, 4.6393



193.6120, -18.5427, -25.9697

Triad

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



197.7100, -30.4230, 4.6393



183.8430, 34.5874, -80.5463



204.7680, 5.5374, 44.0535

Complementary

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



197.7100, -30.4230, 4.6393



145.2900, 30.4230, -4.6393

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.



206.7190, 19.8585, 23.9254



197.7100, -30.4230, 4.6393



192.4170, 30.8534, -49.4777

Square

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



197.7100, -30.4230, 4.6393



181.5750, 20.9155, -82.0653



201.8070, 26.2241, -11.2317



200.7780, -9.7506, 47.5527

Rectangle

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



197.7100, -30.4230, 4.6393



189.3950, -6.1107, -46.8274



201.8070, 26.2241, -11.2317



207.1960, 9.7634, 41.9241

Sweetspot

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



197.7100, -30.4230, 4.6393



251.8510, -10.7725, 1.8847



159.5770, -11.6235, 41.5900



125.8770, -6.8414, 0.9849



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.



197.7100, -30.4230, 4.6393



241.2360, -44.9793, 6.8090



187.2450, -25.2638, -16.8779



103.4470, -4.6574, 0.4850



146.1570, -72.0554, 11.2633



35.7280, -17.6139, 2.8695

Inverse Universe

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



145.2900, 30.4230, -4.6393



163.7640, 44.9793, -6.8090



155.7550, 25.2638, 16.8779



95.5530, 4.6574, -0.4850



21.8430, 72.0554, -11.2633



5.2720, 17.6139, -2.8695

Previews

White Background



This preview shows how the YUV color 197.7100, -30.4230, 4.6393 looks on a white background.

Color Contrast Check

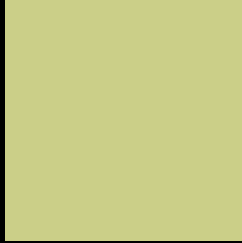
Large Text (above 18pt) WCAG AA × Fail

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 197.7100, -30.4230, 4.6393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

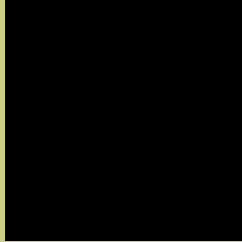
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.7100, -30.4230, 4.6393

Background



This preview shows how black text looks on a background with the YUV color 197.7100, -30.4230, 4.6393.



This preview shows how white text looks on a background with the YUV color 197.7100, -30.4230,

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

197.7100, -30.4230, 4.6393

Protanopia

199.3310, -32.2082, 17.2497

Deuteranopia

201.1960, -30.6626, 34.9081



Tritanopia

203.3090, 4.7777, 7.6220

Trichromacy



Original Color

197.7100, -30.4230, 4.6393

Protanomaly

198.8250, -31.4657, 12.4315

Deuteranomaly

199.8310, -30.4827, 23.8272

Tritanomaly

201.5680, -8.1680, 6.5179

Monochromacy



Original Color

197.7100, -30.4230, 4.6393

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.7370, -11.2093, 1.9847

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7100, -30.4230, 4.6393 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(203, 207, 136)` looks like.

```
.text, #text, p{  
    color:rgb(203, 207, 136)  
}
```

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(203, 207, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 207, 136) }
```

Border

The CSS property to change the border of an element to YUV 197.7100, -30.4230, 4.6393 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(203, 207, 136) }
```


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

```
.border{ border-color:rgb(203, 207, 136) }
```

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

Here you see how a box with a 4 pixel rgb(203, 207, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 207, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 207, 136);  
box-shadow:4px 4px 4px 4px rgb(203, 207,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 197.7100, -30.4230, 4.6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 207, 136) }
```

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

```
.background{ background-color: rgb(203,  
207, 136) }
```

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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