

Converting Colors

YUV(190.1900, -14.8837,
13.8654)

Have a look what the booklet for
YUV(190.1900, -14.8837, 13.8654)
contains.

YUV(190.1900, -14.8837, 13.8654)	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(190.1900, -14.8837,
13.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBCA0
RGB	206, 188, 160
RGB Percent	81%, 74%, 63%
CMY	0.1922, 0.2627, 0.3725
CMYK	0.00, 0.09, 0.22, 0.19
HSL	37°, 32%, 72%
HSV	37°, 22%, 81%
XYZ	49.7820, 51.6263, 40.5988
YIQ	190.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

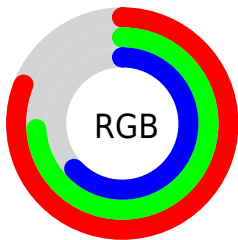
Format	Color
RYB	190, 206, 160
Decimal	13548704
CIELab	77.06, 1.93, 16.49
CIElCh	77, 16.605, 83.316
Yxy	51.6263, 0.3506, 0.3635
Android (android.graphics.Color)	4291738784 (0xFFCEBCA0)
YUV	190.1900, -14.8837, 13.8654
Hunter-Lab	71.8515, -2.0671, 16.7949

Details

The YUV color $190.1900, -14.8837, 13.8654$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $175.8100, 14.8837, -13.8654$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.9830, -14.2886, 9.6619$, and $136.7060, -14.1521, 12.5358$ is the 20% darker color. If you saturate the color by 10%, you get $183.1000, -21.7413, 20.0833$, and if you desaturate by 10%, it is $197.2800, -8.0260, 7.6474$.

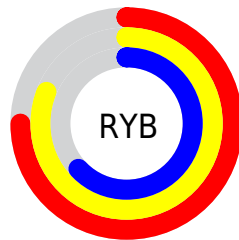
Distribution



Red (81%)

Green (74%)

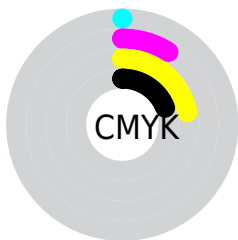
Blue (63%)



Red (75%)

Yellow (81%)

Blue (63%)

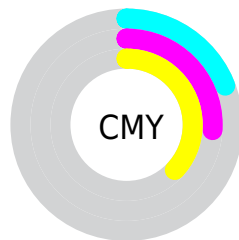


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (19%)



Cyan (19%)

Magenta (26%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.1900, -14.8837, 13.8654 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 190.1900, -14.8837, 13.8654 by changing the saturation by 10% instead.

■ 190.1900,
-14.8837, 13.8654

■ 190.1900,
-14.8837, 13.8654

255.0000, 0.0000,
0.0000

■ 163.0050,
-14.2995, 13.1506

■ 243.9830,
-14.2886, 9.6619

■ 136.7060,
-14.1521, 12.5358

■ 253.6320, -5.2416,
1.1997

■ 111.5210,
-13.5679, 11.8211

■ 86.7490, -12.6943,
11.6211

■ 63.2650, -11.9626,
10.2916

■ 41.0800, -11.3784,
9.5768

■ 21.0090, -10.3574,

8.7621

0.0000, 0.0000,
0.0000

190.1900,
-14.8837, 13.8654

190.1900,
-14.8837, 13.8654

183.1000,
-21.7413, 20.0833

197.2800, -8.0260,
7.6474

176.1240,
-28.1621, 26.2013

204.2560, -1.6052,
1.5295

169.0340,
-35.0198, 32.4192

211.3460, 5.2524,
-4.6884

162.0580,
-41.4406, 38.5371

218.3220, 11.6733,
-10.8064

154.9680,
-48.2982, 44.7551

224.5000, 15.0365,
-16.2245

■ 147.8780,
-55.1559, 50.9730

■ 229.1960, 12.7214,
-20.3429

■ 140.9020,
-61.5767, 57.0909

■ 233.8920, 10.4062,
-24.4613

■ 134.9690,
-66.5397, 62.2942

■ 238.5880, 8.0911,
-28.5797

■ 240.3490, 7.2229,
-30.1241

Harmonies

Analogous

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



191.5270, -12.5848, 23.2168



190.1900, -14.8837, 13.8654



188.5690, -13.0985, 1.2550

Triad

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



190.1900, -14.8837, 13.8654



184.6910, 8.5333, -30.4240



193.1400, 7.8190, 12.1552

Complementary

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



190.1900, -14.8837, 13.8654



175.8100, 14.8837, -13.8654

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.



191.1320, 13.2459, -1.8698



190.1900, -14.8837, 13.8654



186.0810, 13.7641, -28.1350

Square

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



190.1900, -14.8837, 13.8654



184.9600, 0.5127, -24.5209



188.9020, 15.3313, -17.4541



193.2570, 0.3663, 22.5766

Rectangle

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



190.1900, -14.8837, 13.8654



187.4260, -9.5770, -8.2666



188.9020, 15.3313, -17.4541



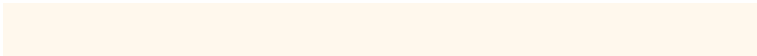
192.6880, 10.0138, 8.1666

Sweetspot

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



190.1900, -14.8837, 13.8654



248.8390, -5.8366, 5.4032



175.8060, 1.0816, 26.4801



124.3980, -3.6472, 3.1590



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.



190.1900, -14.8837, 13.8654



231.2850, -22.3255, 20.7981



199.2610, -19.3557, 1.5251



98.5120, -3.2104, 3.0590



108.9210, -53.6981, 50.0583



24.8630, -12.2575, 11.5211

Inverse Universe

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



175.8100, 14.8837, -13.8654



209.7150, 22.3255, -20.7981



166.7390, 19.3557, -1.5251



95.4880, 3.2104, -3.0590



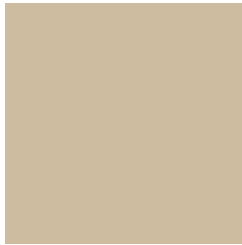
57.0790, 53.6981, -50.0583



13.1370, 12.2575, -11.5211

Previews

White Background



This preview shows how the YUV color 190.1900, -14.8837, 13.8654 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 190.1900, -14.8837, 13.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

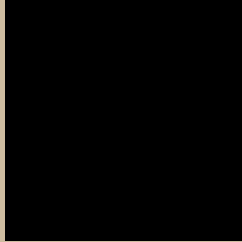
Any Text WCAG AA ✓ Pass

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 190.1900, -14.8837, 13.8654 Background



This preview shows how black text looks on a background with the YUV color 190.1900, -14.8837, 13.8654.



This preview shows how white text looks on a background with the YUV color 190.1900, -14.8837, 13.8654.

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

190.1900, -14.8837, 13.8654

Protanopia

189.6840, -14.1412, 9.0471

Deuteranopia

191.2560, -14.9162, 24.3315



Tritanopia

192.9680, 1.9878, 15.8141

Trichromacy



Original Color

190.1900, -14.8837, 13.8654

Protanomaly

189.6950, -14.1466, 10.7915

Deuteranomaly

190.9350, -14.7580, 20.2280

Tritanomaly

192.0620, -3.9746, 14.8546

Monochromacy



Original Color

190.1900, -14.8837, 13.8654

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9530, -5.3998, 5.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.1900, -14.8837, 13.8654 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(206, 188, 160)` looks like.

```
.text, #text, p{  
    color:rgb(206, 188, 160)  
}
```

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(206, 188, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 188, 160) }
```

Border

The CSS property to change the border of an element to YUV 190.1900, -14.8837, 13.8654 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(206, 188, 160) }
```


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

```
.border{ border-color:rgb(206, 188, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 188, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 188, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 188, 160);  
box-shadow:4px 4px 4px 4px rgb(206, 188,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 190.1900, -14.8837, 13.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 188, 160) }
```

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

```
.background{ background-color: rgb(206,  
188, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor