

Converting Colors

YUV(190.3630, -13.9830,
4.9436)

Have a look what the booklet for
YUV(190.3630, -13.9830, 4.9436)
contains.

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Color

**YUV(190.3630, -13.9830,
4.9436)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C1A2
RGB	196, 193, 162
RGB Percent	77%, 76%, 64%
CMY	0.2314, 0.2431, 0.3647
CMYK	0.00, 0.02, 0.17, 0.23
HSL	55°, 22%, 70%
HSV	55°, 17%, 77%
XYZ	48.3565, 52.4843, 41.7642
YIQ	190.3630, 11.7390, -9.0050

Conversions

Conversions Part 2

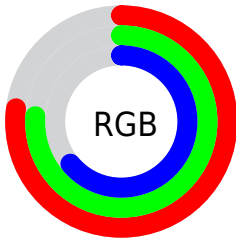
Format	Color
RYB	165, 196, 162
Decimal	12894626
CIELab	77.57, -4.16, 16.01
CIELCh	78, 16.543, 104.569
Yxy	52.4843, 0.3391, 0.3680
Android (android.graphics.Color)	4291084706 (0xFFC4C1A2)
YUV	190.3630, -13.9830, 4.9436
Hunter-Lab	72.4461, -7.6349, 16.5323

Details

The YUV color **190.3630, -13.9830, 4.9436** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **167.6370, 13.9830, -4.9436**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.5480, -14.5672, 5.6584**, and **137.1780, -13.3988, 4.2289** is the 20% darker color. If you saturate the color by 10%, you get **186.9090, -22.1401, 7.9728**, and if you desaturate by 10%, it is **193.8170, -5.8258, 1.9145**.

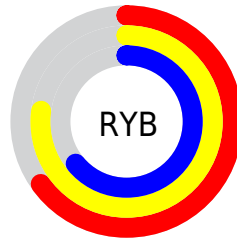
Distribution



Red (77%)

Green (76%)

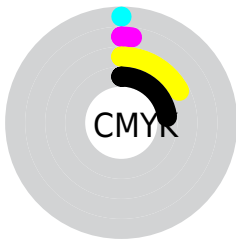
Blue (64%)



Red (65%)

Yellow (77%)

Blue (64%)

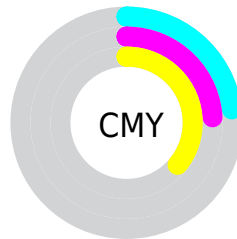


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.3630, -13.9830, 4.9436 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 190.3630, -13.9830, 4.9436 by changing the saturation by 10% instead.

■ 190.3630,
-13.9830, 4.9436

■ 190.3630,
-13.9830, 4.9436

255.0000, 0.0000,
0.0000

■ 163.4770,
-13.5462, 4.8437

■ 246.5480,
-14.5672, 5.6584

■ 137.1780,
-13.3988, 4.2289

■ 253.8600, -4.3680,
0.9998

■ 111.4060,
-12.5252, 4.0289

■ 87.1070, -12.3778,
3.4142

■ 63.6340, -11.6516,
3.8290

■ 41.5630, -10.6306,
3.0142

■ 21.5630, -10.6306,

3.0142

■ 0.0000, 0.0000,
0.0000

■ 190.3630,
-13.9830, 4.9436

■ 190.3630,
-13.9830, 4.9436

■ 186.9090,
-22.1401, 7.9728

■ 193.8170, -5.8258,
1.9145

■ 184.1560,
-30.1499, 10.3872

■ 196.5700, 2.1840,
-0.4999

■ 180.7020,
-38.3071, 13.4163

■ 200.0240, 10.3412,
-3.5290

■ 177.3620,
-46.0275, 16.3455

■ 203.3640, 18.0615,
-6.4582

■ 173.9080,
-54.1846, 19.3747

■ 206.2480, 24.0347,
-8.9875

■ 171.0410,
-62.6312, 21.8890

■ 206.8350, 23.7453,
-9.5023

■ 167.7010,
-70.3516, 24.8182

■ 208.0090, 23.1666,
-10.5319

■ 164.2470,
-78.5088, 27.8474

■ 209.1830, 22.5878,
-11.5615

■ 163.6770,
-80.6928, 28.3473

■ 210.3570, 22.0090,
-12.5911

Harmonies

Analogous

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



191.9130, -14.7471, 16.7393



190.3630, -13.9830, 4.9436



188.2410, -8.9928, -8.9814

Triad

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



190.3630, -13.9830, 4.9436



187.1410, 12.7485, -29.0647



194.8160, 2.5557, 20.3324

Complementary

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



190.3630, -13.9830, 4.9436



167.6370, 13.9830, -4.9436

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.



193.9870, 9.8664, 8.7814



190.3630, -13.9830, 4.9436



189.2930, 15.6316, -20.4280

Square

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



190.3630, -13.9830, 4.9436



186.4200, 6.2019, -29.3093



191.7400, 14.4252, -6.7880



194.3130, -4.5913, 26.0355

Rectangle

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



190.3630, -13.9830, 4.9436



187.0380, -4.4557, -17.5733



191.7400, 14.4252, -6.7880



194.7770, 5.0399, 16.8586

Sweetspot

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



190.3630, -13.9830, 4.9436



252.9310, -5.3890, 1.8145



172.5080, -3.7014, 20.6025



126.5010, -3.2050, 1.3146



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.



190.3630, -13.9830, 4.9436



245.9090, -22.1401, 7.9728



187.9380, -12.7874, -5.2076



95.2730, -4.0786, 1.5146



133.8410, -65.9836, 23.8184



27.4770, -13.5462, 4.8437

Inverse Universe

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



167.6370, 13.9830, -4.9436



210.0910, 22.1401, -7.9728



170.0620, 12.7874, 5.2076



88.7270, 4.0786, -1.5146



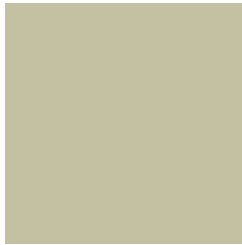
26.5720, 66.2730, -23.3036



5.5230, 13.5462, -4.8437

Previews

White Background



This preview shows how the YUV color 190.3630, -13.9830, 4.9436 looks on a white background.

Color Contrast Check

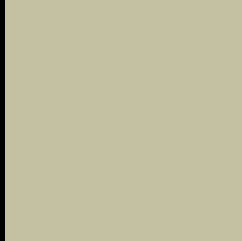
Large Text (above 18pt) WCAG AA × Fail

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 190.3630, -13.9830, 4.9436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

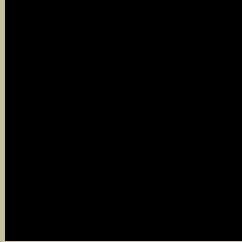
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

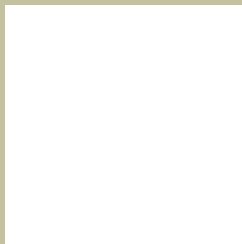
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 190.3630, -13.9830, 4.9436

Background



This preview shows how black text looks on a background with the YUV color 190.3630, -13.9830, 4.9436.



This preview shows how white text looks on a background with the YUV color 190.3630, -13.9830,

4.9436.

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

190.3630, -13.9830, 4.9436

Protanopia

190.8690, -14.7254, 9.7619

Deuteranopia

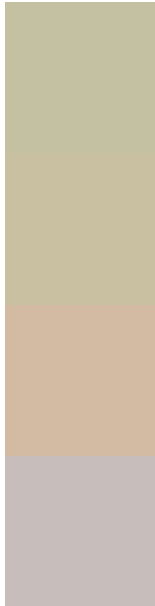
192.4840, -14.0426, 24.1315



Tritanopia

192.8960, 4.4883, 7.1072

Trichromacy



Original Color

190.3630, -13.9830, 4.9436

Protanomaly

190.8580, -14.7200, 8.0175

Deuteranomaly

191.4400, -14.0209, 17.1541

Tritanomaly

191.7620, -2.3477, 6.3477

Monochromacy



Original Color

190.3630, -13.9830, 4.9436

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0450, -4.9522, 1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3630, -13.9830, 4.9436 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(196, 193, 162)` looks like.

```
.text, #text, p{  
    color:rgb(196, 193, 162)  
}
```

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(196, 193, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 193, 162) }
```

Border

The CSS property to change the border of an element to YUV 190.3630, -13.9830, 4.9436 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(196, 193, 162) }
```


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

```
.border{ border-color:rgb(196, 193, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 193, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 193, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 193, 162);  
box-shadow:4px 4px 4px 4px rgb(196, 193,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 190.3630, -13.9830, 4.9436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 193, 162) }
```

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

```
.background{ background-color: rgb(196,  
193, 162) }
```

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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