

Converting Colors

YUV(190.5210, -17.0189,
-1.3339)

Have a look what the booklet for
YUV(190.5210, -17.0189, -1.3339)
contains.

YUV(190.5210, -17.0189, -1.3339)	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(190.5210, -17.0189,
-1.3339)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC69C
RGB	189, 198, 156
RGB Percent	74%, 78%, 61%
CMY	0.2588, 0.2235, 0.3882
CMYK	0.05, 0.00, 0.21, 0.22
HSL	73°, 27%, 69%
HSV	73°, 21%, 78%
XYZ	47.1811, 53.6073, 39.3130
YIQ	190.5210, 8.1180, -14.9700

Conversions

Conversions Part 2

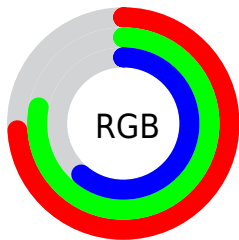
Format	Color
RYB	156, 198, 165
Decimal	12437148
CIELab	78.23, -10.28, 20.05
CIELCh	78, 22.535, 117.136
Yxy	53.6073, 0.3368, 0.3826
Android (android.graphics.Color)	4290627228 (0xFFBDC69C)
YUV	190.5210, -17.0189, -1.3339
Hunter-Lab	73.2170, -13.1042, 19.4168

Details

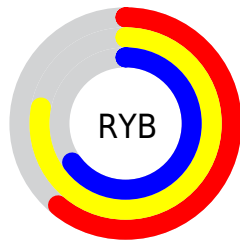
The YUV color **190.5210, -17.0189, -1.3339** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **163.4790, 17.0189, 1.3339**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.2930, -17.8924, -1.1340**, and **136.8630, -15.7085, -1.6339** is the 20% darker color. If you saturate the color by 10%, you get **187.0450, -25.1652, -1.7935**, and if you desaturate by 10%, it is **193.9970, -8.8725, -0.8744**.

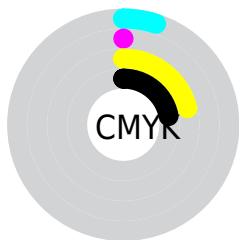
Distribution



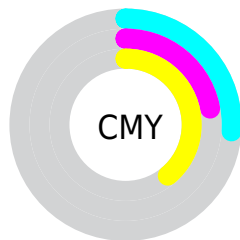
- Red (74%)
- Green (78%)
- Blue (61%)



- Red (61%)
- Yellow (78%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.5210, -17.0189, -1.3339 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 190.5210, -17.0189, -1.3339 by changing the saturation by 10% instead.

■ 190.5210,
-17.0189, -1.3339

■ 190.5210,
-17.0189, -1.3339

255.0000, 0.0000,
0.0000

■ 163.6350,
-16.5821, -1.4339

■ 247.2930,
-17.8924, -1.1340

■ 136.8630,
-15.7085, -1.6339

■ 253.1760, -6.9888,
1.5996

■ 111.8630,
-15.7085, -1.6339

■ 87.0910, -14.8349,
-1.8338

■ 63.3190, -13.9613,
-2.0338

■ 41.4330, -13.5245,
-2.1337

■ 21.2310, -10.4669,

-2.8336

■ 0.0000, 0.0000,
0.0000

■ 190.5210,
-17.0189, -1.3339

■ 190.5210,
-17.0189, -1.3339

■ 187.0450,
-25.1652, -1.7935

■ 193.9970, -8.8725,
-0.8744

■ 183.5690,
-33.3115, -2.2530

■ 197.4730, -0.7262,
-0.4148

■ 179.9080,
-40.8736, -3.4273

■ 201.1340, 6.8359,
0.7595

■ 176.4320,
-49.0200, -3.8869

■ 204.6100, 14.9823,
1.2190

■ 172.9560,
-57.1663, -4.3464

■ 208.0860, 23.1286,
1.6786

■ 169.4800,
-65.3126, -4.8060

■ 209.2820, 22.5390,
4.1377

■ 165.7050,
-73.3116, -5.8803

■ 210.7770, 21.8019,
7.2116

■ 162.8700,
-80.2949, -6.0250

■ 211.9730, 21.2123,
9.6707

■ 213.1690, 20.6227,
12.1298

Harmonies

Analogous

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



192.5340, -19.9833, 16.1947



190.5210, -17.0189, -1.3339



187.8760, -8.8129, -20.0623

Triad

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



190.5210, -17.0189, -1.3339



187.6220, 19.9064, -38.2565



197.3830, -0.6818, 32.1131

Complementary

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



190.5210, -17.0189, -1.3339



163.4790, 17.0189, 1.3339

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.



196.9390, 9.3971, 19.3475



190.5210, -17.0189, -1.3339



191.7750, 21.3099, -21.7277

Square

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



190.5210, -17.0189, -1.3339



185.1670, 13.2287, -43.1195



195.5820, 17.4611, -0.5104



196.4730, -10.5862, 35.5422

Rectangle

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



190.5210, -17.0189, -1.3339



186.3460, -1.6496, -30.9984



195.5820, 17.4611, -0.5104



197.5720, 2.6760, 28.4394

Sweetspot

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



190.5210, -17.0189, -1.3339



252.3930, -6.1097, -0.3447



173.2540, -8.5062, 21.7022



126.3760, -3.6364, -0.3298



0.0000, 0.0000, 0.0000



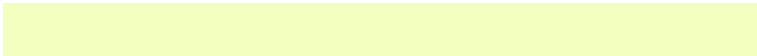
128.0000, 0.0000, 0.0000

Same Dimension

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



190.5210, -17.0189, -1.3339



243.5180, -25.8914, -2.2083



184.5410, -14.0707, -13.6295



97.3760, -3.6364, -0.3298



133.9530, -66.0388, -5.2208



29.5040, -14.5455, -1.3190

Inverse Universe

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



163.4790, 17.0189, 1.3339



202.4820, 25.8914, 2.2083



169.4590, 14.0707, 13.6295



91.6240, 3.6364, 0.3298



29.0470, 66.0388, 5.2208



6.4960, 14.5455, 1.3190

Previews

White Background



This preview shows how the YUV color 190.5210, -17.0189, -1.3339 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 190.5210, -17.0189, -1.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

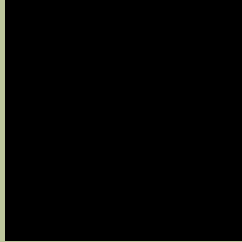
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

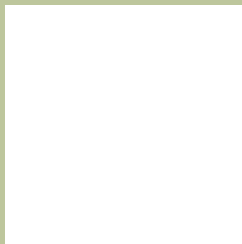
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 190.5210, -17.0189, -1.3339

Background



This preview shows how black text looks on a background with the YUV color 190.5210, -17.0189, -1.3339.



This preview shows how white text looks on a background with the YUV color 190.5210, -17.0189, -1.3339.

-1.3339.

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

190.5210, -17.0189, -1.3339

Protanopia

192.1420, -18.8040, 11.2765

Deuteranopia

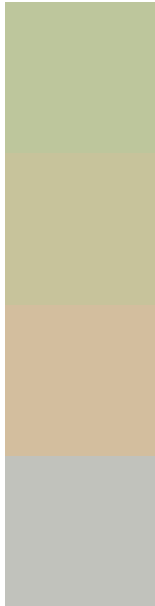
194.2840, -17.3950, 26.0609



Tritanopia

194.2050, 5.8149, 1.5742

Trichromacy



Original Color

190.5210, -17.0189, -1.3339

Protanomaly

191.6360, -18.0615, 6.4582

Deuteranomaly

192.6310, -17.0731, 16.1096

Tritanomaly

193.0170, -2.4734, -0.0149

Monochromacy



Original Color

190.5210, -17.0189, -1.3339

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.9800, -6.3991, -0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.5210, -17.0189, -1.3339 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(189, 198, 156)` looks like.

```
.text, #text, p{  
    color:rgb(189, 198, 156)  
}
```

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(189, 198, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 198, 156) }
```

Border

The CSS property to change the border of an element to YUV 190.5210, -17.0189, -1.3339 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(189, 198, 156) }
```


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

```
.border{ border-color:rgb(189, 198, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 198, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 198, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 198, 156);  
box-shadow:4px 4px 4px 4px rgb(189, 198,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 190.5210, -17.0189, -1.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 198, 156) }
```

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

```
.background{ background-color: rgb(189,  
198, 156) }
```

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