

Converting Colors

YUV(190.8120, -28.5013,
-5.0971)

Have a look what the booklet for
YUV(190.8120, -28.5013, -5.0971)
contains.

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Color

**YUV(190.8120, -28.5013,
-5.0971)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CD85
RGB	185, 205, 133
RGB Percent	73%, 80%, 52%
CMY	0.2745, 0.1961, 0.4784
CMYK	0.10, 0.00, 0.35, 0.20
HSL	77°, 42%, 66%
HSV	77°, 35%, 80%
XYZ	46.0725, 55.6704, 30.5075
YIQ	190.8120, 11.1920, -26.6320

Conversions

Conversions Part 2

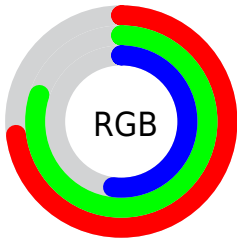
Format	Color
RYB	133, 205, 153
Decimal	12176773
CIELab	79.43, -18.55, 33.66
CIELCh	79, 38.429, 118.860
Yxy	55.6704, 0.3484, 0.4209
Android (android.graphics.Color)	4290366853 (0xFFB9CD85)
YUV	190.8120, -28.5013, -5.0971
Hunter-Lab	74.6126, -20.3500, 27.9864

Details

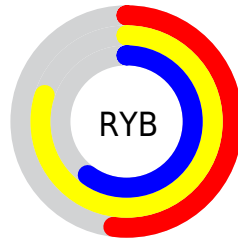
The YUV color **190.8120, -28.5013, -5.0971** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **147.1880, 28.5013, 5.0971**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3610, -27.7860, -1.1936**, and **137.1540, -27.1909, -5.3971** is the 20% darker color. If you saturate the color by 10%, you get **186.7380, -36.3528, -6.7862**, and if you desaturate by 10%, it is **195.0000, -20.2130, -3.5080**.

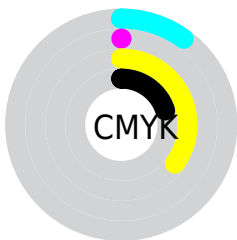
Distribution



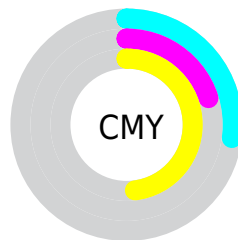
- Red (73%)
- Green (80%)
- Blue (52%)



- Red (52%)
- Yellow (80%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (35%)
- Black (20%)



- Cyan (27%)
- Magenta (20%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.8120, -28.5013, -5.0971 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 190.8120, -28.5013, -5.0971 by changing the saturation by 10% instead.

■ 190.8120,
-28.5013, -5.0971

■ 190.8120,
-28.5013, -5.0971

255.0000, 0.0000,
0.0000

■ 163.9260,
-28.0645, -5.1971

■ 243.3610,
-27.7860, -1.1936

■ 137.1540,
-27.1909, -5.3971

■ 250.4400,
-17.4719, 3.9991

■ 111.3820,
-26.3173, -5.5970

■ 253.6320, -5.2416,
1.1997

■ 86.6100, -25.4437,
-5.7970

■ 62.1970, -25.7331,
-6.3118

■ 41.2770, -20.3496,
-6.3819

■ 19.9800, -9.8501,

-14.0145

■ 0.0000, 0.0000,
0.0000

■ 190.8120,
-28.5013, -5.0971

■ 190.8120,
-28.5013, -5.0971

■ 186.7380,
-36.3528, -6.7862

■ 195.0000,
-20.2130, -3.5080

■ 182.8490,
-44.7886, -7.7606

■ 198.7750,
-12.2141, -2.4337

■ 178.7750,
-52.6401, -9.4497

■ 202.9630, -3.9258,
-0.8446

■ 174.5870,
-60.9284, -11.0388

■ 207.0370, 3.9258,
0.8446

■ 170.8120,
-68.9273, -12.1131

■ 210.9260, 12.3615,
1.8189

■ 166.6240,
-77.2156, -13.7022

■ 214.8860, 19.7762,
3.6080

■ 164.5870,
-81.1414, -14.5468

■ 216.6800, 18.8918,
7.2966

■ 218.4740, 18.0073,
10.9853

■ 219.9690, 17.2703,
14.0592

Harmonies

Analogous

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



194.5060, -34.2665, 24.1122



190.8120, -28.5013, -5.0971



185.9140, -13.2686, -37.6356

Triad

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



190.8120, -28.5013, -5.0971



178.9510, 37.4922, -78.8870



198.8350, 0.5743, 49.2567

Complementary

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



190.8120, -28.5013, -5.0971



147.1880, 28.5013, 5.0971

Split Complementary

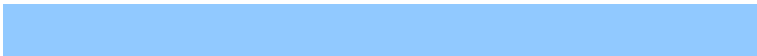
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



202.0470, 15.7528, 34.1618



190.8120, -28.5013, -5.0971



190.4120, 31.8419, -39.8263

Square

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



190.8120, -28.5013, -5.0971



172.1590, 28.5156, -93.1014



198.9270, 27.6440, 0.0640



195.9050, -15.7292, 51.8263

Rectangle

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



190.8120, -28.5013, -5.0971



180.7400, 0.6212, -59.4080



198.9270, 27.6440, 0.0640



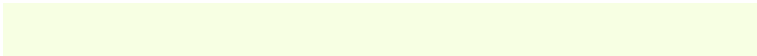
200.7900, 5.5265, 47.5422

Sweetspot

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



190.8120, -28.5013, -5.0971



249.4160, -11.0511, -2.1188



165.6810, -16.1117, 34.4828



124.5670, -6.6885, -1.3743



0.0000, 0.0000, 0.0000



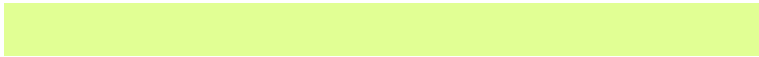
128.0000, 0.0000, 0.0000

Same Dimension

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



190.8120, -28.5013, -5.0971



233.8320, -42.3152, -7.7457



180.3470, -23.3421, -26.6143



99.9630, -3.9258, -0.8446



133.3220, -65.7277, -11.6834



30.6780, -15.1243, -2.3486

Inverse Universe

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



147.1880, 28.5013, 5.0971



169.1680, 42.3152, 7.7457



157.6530, 23.3421, 26.6143



94.0370, 3.9258, 0.8446



32.6780, 65.7277, 11.6834



7.6210, 14.9768, 2.9634

Previews

White Background



This preview shows how the YUV color 190.8120, -28.5013, -5.0971 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 190.8120, -28.5013, -5.0971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

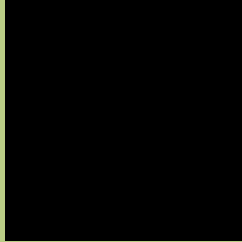
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

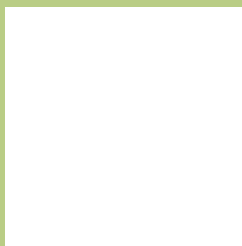
Any Text WCAG AAA ✓ Pass

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

YUV 190.8120, -28.5013, -5.0971 Background



This preview shows how black text looks on a background with the YUV color 190.8120, -28.5013, -5.0971.



This preview shows how white text looks on a background with the YUV color 190.8120, -28.5013, -5.0971.

-5.0971.

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

190.8120, -28.5013, -5.0971

Protanopia

193.5590, -31.3346, 17.0498

Deuteranopia

195.9400, -29.0574, 33.3786



Tritanopia

196.8240, 6.9888, -1.5996

Trichromacy



Original Color

190.8120, -28.5013, -5.0971

Protanomaly

192.4440, -30.2919, 9.2576

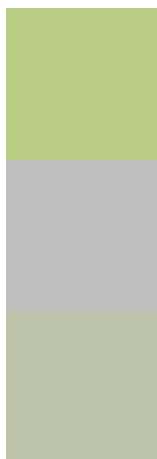
Deuteranomaly

193.9660, -28.5772, 19.3238

Tritanomaly

194.7840, -5.8095, -3.3186

Monochromacy



Original Color

190.8120, -28.5013, -5.0971

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.9430, -10.3249, -1.7040

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.8120, -28.5013, -5.0971 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(185, 205, 133)` looks like.

```
.text, #text, p{  
    color:rgb(185, 205, 133)  
}
```

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(185, 205, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 205, 133) }
```

Border

The CSS property to change the border of an element to YUV 190.8120, -28.5013, -5.0971 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(185, 205, 133) }
```


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

```
.border{ border-color:rgb(185, 205, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 205, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 205, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 205, 133);  
box-shadow:4px 4px 4px 4px rgb(185, 205,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 190.8120, -28.5013, -5.0971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 205, 133) }
```

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

```
.background{ background-color: rgb(185,  
205, 133) }
```

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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