

Converting Colors

YUV(170.4200, -20.4201,
16.2947)

Have a look what the booklet for
YUV(170.4200, -20.4201, 16.2947)
contains.

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Color

**YUV(170.4200, -20.4201,
16.2947)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA981
RGB	189, 169, 129
RGB Percent	74%, 66%, 51%
CMY	0.2588, 0.3373, 0.4941
CMYK	0.00, 0.11, 0.32, 0.26
HSL	40°, 31%, 62%
HSV	40°, 32%, 74%
XYZ	39.1367, 40.7797, 26.5774
YIQ	170.4200, 24.7600, -8.2000

Conversions

Conversions Part 2

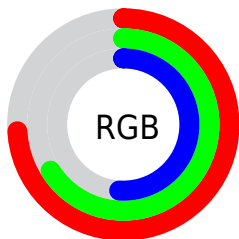
Format	Color
RYB	159, 189, 129
Decimal	12429697
CIELab	70.02, 1.20, 23.32
CIELCh	70, 23.352, 87.060
Yxy	40.7797, 0.3675, 0.3829
Android (android.graphics.Color)	4290619777 (0xFFBDA981)
YUV	170.4200, -20.4201, 16.2947
Hunter-Lab	63.8590, -2.3576, 20.0254

Details

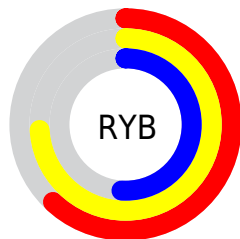
The YUV color **170.4200, -20.4201, 16.2947** is a light color, and the websafe version is hex **999966**. A complement of this color would be **147.5800, 20.4201, -16.2947**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7900, -21.5885, 17.7242**, and **118.0500, -19.2516, 14.8652** is the 20% darker color. If you saturate the color by 10%, you get **164.7320, -26.9829, 21.2830**, and if you desaturate by 10%, it is **176.1080, -13.8572, 11.3063**.

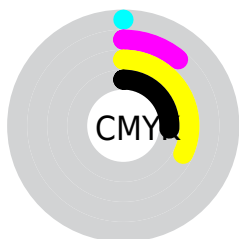
Distribution



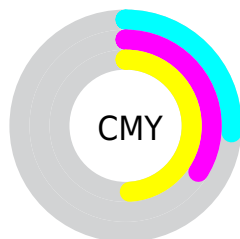
- Red (74%)
- Green (66%)
- Blue (51%)



- Red (62%)
- Yellow (74%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (32%)
- Black (26%)



- Cyan (26%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4200, -20.4201, 16.2947 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 170.4200, -20.4201, 16.2947 by changing the saturation by 10% instead.

■ 170.4200,
-20.4201, 16.2947

■ 170.4200,
-20.4201, 16.2947

255.0000, 0.0000,
0.0000

■ 144.2350,
-19.8359, 15.5799

■ 225.7900,
-21.5885, 17.7242

■ 118.0500,
-19.2516, 14.8652

■ 248.6960,
-19.0771, 5.5286

■ 92.9790, -18.2306,
14.0504

■ 253.0620, -7.4256,
1.6996

■ 69.4950, -17.4990,
12.7209

■ 46.5980, -17.0568,
10.8766

■ 26.3250, -12.9782,
9.3620

■ 0.8970, -0.4422,

1.8443

■ 0.0000, 0.0000,
0.0000

■ 170.4200,
-20.4201, 16.2947

■ 170.4200,
-20.4201, 16.2947

■ 164.7320,
-26.9829, 21.2830

■ 176.1080,
-13.8572, 11.3063

■ 158.4570,
-33.2563, 26.7862

■ 182.3830, -7.5838,
5.8031

■ 152.7690,
-39.8191, 31.7746

■ 188.0710, -1.0210,
0.8147

■ 147.0810,
-46.3819, 36.7630

■ 193.7590, 5.5418,
-4.1736

■ 141.5070,
-52.5080, 41.6514

■ 200.0340, 11.8152,
-9.6768

■ 135.2320,
-58.7814, 47.1545

■ 205.6080, 17.9413,
-14.5652

■ 130.4730,
-64.3232, 51.3282

■ 210.6120, 21.8833,
-18.9537

■ 214.1340, 20.1469,
-22.0425

■ 218.2430, 18.1212,
-25.6461

Harmonies

Analogous

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



172.1920, -17.8427, 29.6496



170.4200, -20.4201, 16.2947



168.1080, -17.3082, -1.8487

Triad

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



170.4200, -20.4201, 16.2947



161.9710, 13.8183, -45.5786



174.9390, 9.3971, 19.3475

Complementary

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



170.4200, -20.4201, 16.2947



147.5800, 20.4201, -16.2947

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.



172.6960, 17.8979, -0.6104



170.4200, -20.4201, 16.2947



164.1380, 20.6380, -39.5860

Square

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



170.4200, -20.4201, 16.2947



162.7520, 2.5873, -36.6165



169.1770, 21.6047, -22.9572



174.4970, -0.2450, 32.0131

Rectangle

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



170.4200, -20.4201, 16.2947



166.1110, -11.8867, -14.1293



169.1770, 21.6047, -22.9572



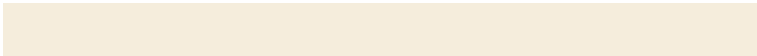
174.4050, 12.6183, 12.7998

Sweetspot

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



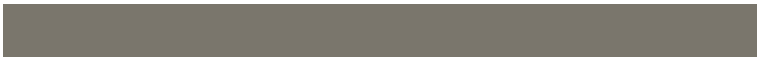
170.4200, -20.4201, 16.2947



237.4540, -8.6048, 6.6178



149.2200, -0.1085, 34.8871



118.0560, -4.9576, 3.4589



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



170.4200, -20.4201, 16.2947



216.2010, -31.6511, 25.2567



179.1700, -24.7338, -0.1491



91.2130, -3.0630, 2.4442



108.8770, -53.6764, 43.0809



21.0090, -10.3574, 8.7621

Inverse Universe

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



147.5800, 20.4201, -16.2947



180.7990, 31.6511, -25.2567



138.8300, 24.7338, 0.1491



87.7870, 3.0630, -2.4442



49.1230, 53.6764, -43.0809



9.4040, 10.6468, -8.2473

Previews

White Background



This preview shows how the YUV color 170.4200, -20.4201, 16.2947 looks on a white background.

Color Contrast Check

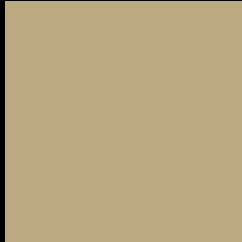
Large Text (above 18pt) WCAG AA × Fail

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 170.4200, -20.4201, 16.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

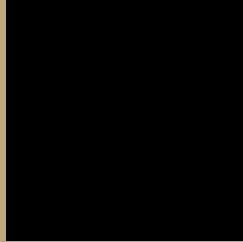
Any Text WCAG AA ✓ Pass

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 170.4200, -20.4201, 16.2947 Background



This preview shows how black text looks on a background with the YUV color 170.4200, -20.4201, 16.2947.



This preview shows how white text looks on a background with the YUV color 170.4200, -20.4201, 16.2947.

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

170.4200, -20.4201, 16.2947

Protanopia

169.9140, -19.6776, 11.4764

Deuteranopia

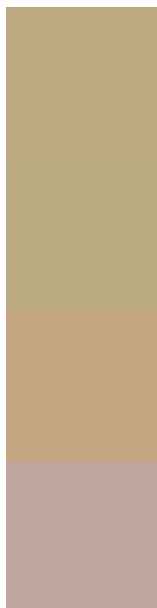
171.1870, -20.3052, 26.1460



Tritanopia

173.6370, 0.6720, 17.8584

Trichromacy



Original Color

170.4200, -20.4201, 16.2947

Protanomaly

169.9250, -19.6830, 13.2208

Deuteranomaly

171.1650, -20.2943, 22.6573

Tritanomaly

172.2750, -7.0376, 17.2988

Monochromacy



Original Color

170.4200, -20.4201, 16.2947

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.3830, -7.5838, 5.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4200, -20.4201, 16.2947 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, 169, 129)` looks like.

```
.text, #text, p{  
    color:rgb(189, 169, 129)  
}
```

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, 169, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 169, 129) }
```

Border

The CSS property to change the border of an element to YUV 170.4200, -20.4201, 16.2947 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, 169, 129) }
```


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

```
.border{ border-color:rgb(189, 169, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 169, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 169, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 169, 129);  
box-shadow:4px 4px 4px 4px rgb(189, 169,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 170.4200, -20.4201, 16.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 169, 129) }
```

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

```
.background{ background-color: rgb(189,  
169, 129) }
```

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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