

Converting Colors

YUV(171.5120, -19.9724,
12.7060)

Have a look what the booklet for
YUV(171.5120, -19.9724, 12.7060)
contains.

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Color

**YUV(171.5120, -19.9724,
12.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAC83
RGB	186, 172, 131
RGB Percent	73%, 67%, 51%
CMY	0.2706, 0.3255, 0.4863
CMYK	0.00, 0.08, 0.30, 0.27
HSL	45°, 28%, 62%
HSV	45°, 30%, 73%
XYZ	39.0990, 41.5828, 27.4383
YIQ	171.5120, 21.5050, -9.7830

Conversions

Conversions Part 2

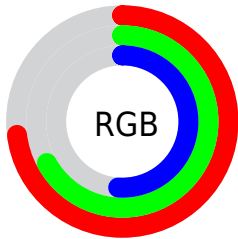
Format	Color
R _Y B	150, 186, 131
Decimal	12233859
CIE Lab	70.58, -1.34, 22.95
CIE LCh	71, 22.992, 93.342
Yxy	41.5828, 0.3616, 0.3846
Android (android.graphics.Color)	4290423939 (0xFFBAAC83)
YUV	171.5120, -19.9724, 12.7060
Hunter-Lab	64.4848, -4.6187, 19.9114

Details

The YUV color $171.5120, -19.9724, 12.7060$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $145.4880, 19.9724, -12.7060$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.8820, -21.1408, 14.1355$, and $119.1420, -18.8040, 11.2765$ is the 20% darker color. If you saturate the color by 10%, you get $166.4110, -26.8246, 17.1796$, and if you desaturate by 10%, it is $176.6130, -13.1202, 8.2324$.

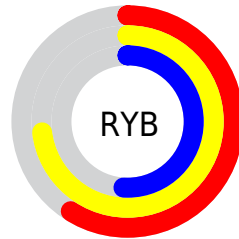
Distribution



Red (73%)

Green (67%)

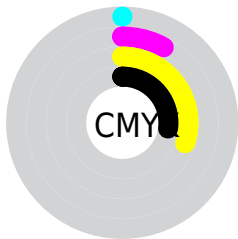
Blue (51%)



Red (59%)

Yellow (73%)

Blue (51%)

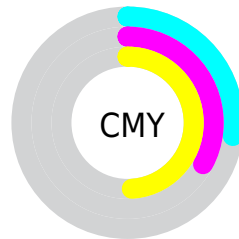


Cyan (0%)

Magenta (8%)

Yellow (30%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5120, -19.9724, 12.7060 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 171.5120, -19.9724, 12.7060 by changing the saturation by 10% instead.

■ 171.5120,
-19.9724, 12.7060

■ 171.5120,
-19.9724, 12.7060

255.0000, 0.0000,
0.0000

■ 145.3270,
-19.3882, 11.9912

■ 226.8820,
-21.1408, 14.1355

■ 119.1420,
-18.8040, 11.2765

■ 250.0980,
-18.7823, 4.2991

■ 94.0710, -17.7830,
10.4617

■ 253.2900, -6.5520,
1.4997

■ 70.5870, -17.0514,
9.1322

■ 47.4020, -16.4672,
8.4174

■ 27.2000, -13.4096,
7.7176

■ 1.7610, -0.8682,

-1.5444

■ 0.0000, 0.0000,
0.0000

■ 171.5120,
-19.9724, 12.7060

■ 171.5120,
-19.9724, 12.7060

■ 166.4110,
-26.8246, 17.1796

■ 176.6130,
-13.1202, 8.2324

■ 162.0110,
-33.5294, 21.0384

■ 181.0130, -6.4154,
4.3736

■ 156.9100,
-40.3816, 25.5119

■ 186.1140, 0.4368,
-0.1000

■ 151.9230,
-46.7970, 29.8855

■ 191.1010, 6.8522,
-4.4736

■ 146.8220,
-53.6492, 34.3591

■ 196.2020, 13.7044,
-8.9472

■ 142.3080,
-60.7908, 38.3179

■ 200.7160, 20.8460,
-12.9059

■ 137.3210,
-67.2063, 42.6915

■ 205.0190, 24.6406,
-16.6797

■ 137.2070,
-67.6431, 42.7915

■ 207.9540, 23.1937,
-19.2537

■ 210.8890, 21.7467,
-21.8277

Harmonies

Analogous

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



173.3550, -18.4160, 26.8757



171.5120, -19.9724, 12.7060



168.8410, -15.6976, -5.1226

Triad

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



171.5120, -19.9724, 12.7060



164.0250, 15.2707, -44.7489



176.2060, 7.7864, 22.6213

Complementary

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



171.5120, -19.9724, 12.7060



145.4880, 19.9724, -12.7060

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.



174.6750, 16.4292, 3.7930



171.5120, -19.9724, 12.7060



166.8610, 20.7745, -36.7121

Square

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



171.5120, -19.9724, 12.7060



164.3110, 4.7767, -38.8607



171.6830, 20.8623, -18.1390



176.2260, -2.5764, 33.1278

Rectangle

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



171.5120, -19.9724, 12.7060



167.5450, -10.1287, -18.0180



171.6830, 20.8623, -18.1390



175.9710, 10.8603, 16.6884

Sweetspot

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



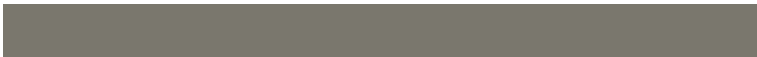
171.5120, -19.9724, 12.7060



236.5570, -8.1626, 4.7735



149.1550, -1.5554, 32.3131



118.7570, -4.8102, 2.8441



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.



171.5120, -19.9724, 12.7060



219.9830, -31.0506, 19.3089



175.8430, -22.1076, -2.4933



89.2130, -3.0630, 2.4442



114.7360, -56.5648, 36.1885



20.6990, -10.2046, 6.4030

Inverse Universe

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



145.4880, 19.9724, -12.7060



179.6040, 30.7612, -19.8237



141.1570, 22.1076, 2.4933



85.2000, 3.3524, -1.9294



41.2640, 56.5648, -36.1885



7.3010, 10.2046, -6.4030

Previews

White Background



This preview shows how the YUV color 171.5120, -19.9724, 12.7060 looks on a white background.

Color Contrast Check

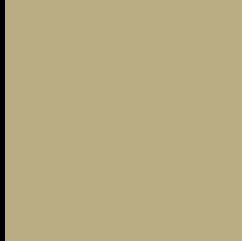
Large Text (above 18pt) WCAG AA × Fail

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 171.5120, -19.9724, 12.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

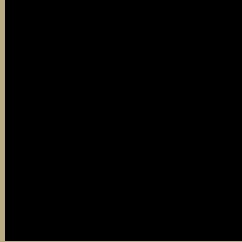
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.5120, -19.9724, 12.7060

Background



This preview shows how black text looks on a background with the YUV color 171.5120, -19.9724, 12.7060.



This preview shows how white text looks on a background with the YUV color 171.5120, -19.9724, 12.7060.

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

171.5120, -19.9724, 12.7060

Protanopia

171.2130, -19.8250, 12.0912

Deuteranopia

173.1870, -20.3052, 26.1460



Tritanopia

175.2560, 1.8458, 14.6845

Trichromacy



Original Color

171.5120, -19.9724, 12.7060

Protanomaly

171.2130, -19.8250, 12.0912

Deuteranomaly

172.5670, -19.9995, 21.4277

Tritanomaly

173.8940, -5.8637, 14.1250

Monochromacy



Original Color

171.5120, -19.9724, 12.7060

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5120, -19.9724, 12.7060 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(186, 172, 131)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 131)  
}
```

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(186, 172, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 131) }
```

Border

The CSS property to change the border of an element to YUV 171.5120, -19.9724, 12.7060 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(186, 172, 131) }
```


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

```
.border{ border-color:rgb(186, 172, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 172, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 131);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 171.5120, -19.9724, 12.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 131) }
```

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

```
.background{ background-color: rgb(186,  
172, 131) }
```

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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