

Converting Colors

YUV(173.5120, -19.9724,
12.7060)

Have a look what the booklet for
YUV(173.5120, -19.9724, 12.7060)
contains.

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Color

**YUV(173.5120, -19.9724,
12.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAE85
RGB	188, 174, 133
RGB Percent	74%, 68%, 52%
CMY	0.2627, 0.3176, 0.4784
CMYK	0.00, 0.07, 0.29, 0.26
HSL	45°, 29%, 63%
HSV	45°, 29%, 74%
XYZ	40.1087, 42.6569, 28.3100
YIQ	173.5120, 21.5050, -9.7830

Conversions

Conversions Part 2

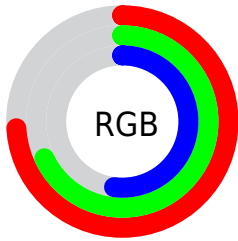
Format	Color
RYB	152, 188, 133
Decimal	12365445
CIELab	71.32, -1.35, 22.90
CIELCh	71, 22.944, 93.379
Yxy	42.6569, 0.3611, 0.3840
Android (android.graphics.Color)	4290555525 (0xFFBCAE85)
YUV	173.5120, -19.9724, 12.7060
Hunter-Lab	65.3123, -4.6784, 20.0190

Details

The YUV color $173.5120, -19.9724, 12.7060$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $147.4880, 19.9724, -12.7060$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.8820, -21.1408, 14.1355$, and $121.1420, -18.8040, 11.2765$ is the 20% darker color. If you saturate the color by 10%, you get $168.4110, -26.8246, 17.1796$, and if you desaturate by 10%, it is $178.6130, -13.1202, 8.2324$.

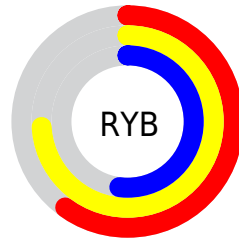
Distribution



Red (74%)

Green (68%)

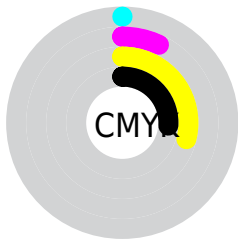
Blue (52%)



Red (60%)

Yellow (74%)

Blue (52%)

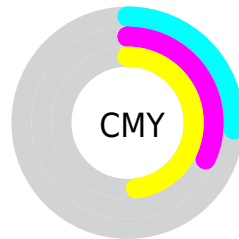


Cyan (0%)

Magenta (7%)

Yellow (29%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5120, -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 173.5120, -19.9724, 12.7060 by changing the saturation by 10% instead.

■ 173.5120,
-19.9724, 12.7060

■ 173.5120,
-19.9724, 12.7060

255.0000, 0.0000,
0.0000

■ 146.7400,
-19.0988, 12.5060

■ 228.8820,
-21.1408, 14.1355

■ 121.1420,
-18.8040, 11.2765

■ 250.3260,
-17.9087, 4.0991

■ 96.0710, -17.7830,
10.4617

■ 253.6320, -5.2416,
1.1997

■ 71.8860, -17.1988,
9.7470

■ 49.4020, -16.4672,
8.4174

■ 28.6730, -14.1358,
7.3028

■ 4.7180, -2.3260,

-0.6297

■ 0.0000, 0.0000,
0.0000

■ 173.5120,
-19.9724, 12.7060

■ 173.5120,
-19.9724, 12.7060

■ 168.4110,
-26.8246, 17.1796

■ 178.6130,
-13.1202, 8.2324

■ 163.3100,
-33.6768, 21.6531

■ 183.7140, -6.2680,
3.7588

■ 158.9100,
-40.3816, 25.5119

■ 188.1140, 0.4368,
-0.1000

■ 153.8090,
-47.2338, 29.9855

■ 193.2150, 7.2890,
-4.5736

■ 148.7080,
-54.0860, 34.4591

■ 198.3160, 14.1412,
-9.0471

■ 143.6070,
-60.9383, 38.9327

■ 203.4170, 20.9934,
-13.5207

■ 139.0930,
-68.0798, 42.8914

■ 206.7910, 23.7670,
-16.4797

■ 138.3920,
-68.2273, 43.5062

■ 209.7260, 22.3201,
-19.0537

■ 212.6610, 20.8731,
-21.6277

Harmonies

Analogous

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



175.3550, -18.4160, 26.8757



173.5120, -19.9724, 12.7060



170.8410, -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.



173.5120, -19.9724, 12.7060



166.0250, 15.2707, -44.7489



178.2060, 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.



173.5120, -19.9724, 12.7060



147.4880, 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.



176.6750, 16.4292, 3.7930



173.5120, -19.9724, 12.7060



168.8610, 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.



173.5120, -19.9724, 12.7060



166.3110, 4.7767, -38.8607



173.6830, 20.8623, -18.1390



178.2260, -2.5764, 33.1278

Rectangle

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



173.5120, -19.9724, 12.7060



169.5450, -10.1287, -18.0180



173.6830, 20.8623, -18.1390



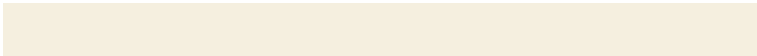
177.9710, 10.8603, 16.6884

Sweetspot

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



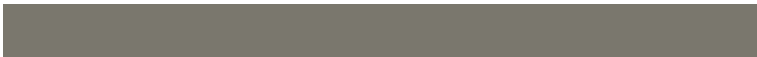
173.5120, -19.9724, 12.7060



238.9700, -7.8732, 5.2883



151.1550, -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.



173.5120, -19.9724, 12.7060



222.2820, -31.1980, 19.9237



177.8430, -22.1076, -2.4933



91.8000, -3.3524, 1.9294



116.5080, -57.4384, 36.3885



22.7700, -11.2256, 7.2177

Inverse Universe

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



147.4880, 19.9724, -12.7060



181.7180, 31.1980, -19.9237



143.1570, 22.1076, 2.4933



87.2000, 3.3524, -1.9294



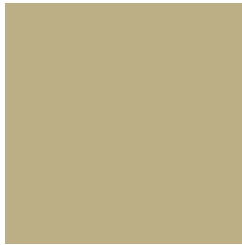
41.4920, 57.4384, -36.3885



8.2300, 11.2256, -7.2177

Previews

White Background



This preview shows how the YUV color 173.5120, -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 173.5120, -19.9724, 12.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

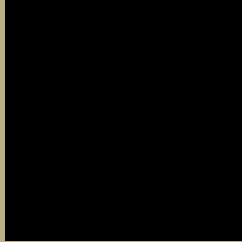
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.5120, -19.9724, 12.7060

Background



This preview shows how black text looks on a background with the YUV color 173.5120, -19.9724, 12.7060.



This preview shows how white text looks on a background with the YUV color 173.5120, -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

173.5120, -19.9724, 12.7060

Protanopia

173.2130, -19.8250, 12.0912

Deuteranopia

175.1870, -20.3052, 26.1460



Tritanopia

177.2560, 1.8458, 14.6845

Trichromacy



Original Color

173.5120, -19.9724, 12.7060

Protanomaly

173.2130, -19.8250, 12.0912

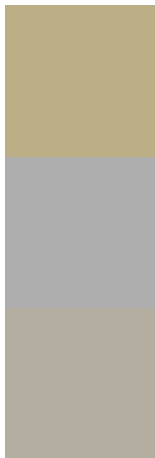
Deuteranomaly

174.5670, -19.9995, 21.4277

Tritanomaly

175.8940, -5.8637, 14.1250

Monochromacy



Original Color

173.5120, -19.9724, 12.7060

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5120, -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(188, 174, 133)` looks like.

```
.text, #text, p{  
    color:rgb(188, 174, 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(188, 174, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 174, 133) }
```

Border

The CSS property to change the border of an element to YUV 173.5120, -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(188, 174, 133) }
```


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

```
.border{ border-color:rgb(188, 174, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 174, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 174, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 174, 133);  
box-shadow:4px 4px 4px 4px rgb(188, 174,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 173.5120, -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(188, 174, 133) }
```

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

```
.background{ background-color: rgb(188,  
174, 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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