

Converting Colors

YUV(163.5930, -19.5193,
7.3729)

Have a look what the booklet for
YUV(163.5930, -19.5193, 7.3729)
contains.

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Color

**YUV(163.5930, -19.5193,
7.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA77C
RGB	172, 167, 124
RGB Percent	67%, 65%, 49%
CMY	0.3255, 0.3451, 0.5137
CMYK	0.00, 0.03, 0.28, 0.33
HSL	54°, 22%, 58%
HSV	54°, 28%, 67%
XYZ	34.4701, 37.8633, 24.5604
YIQ	163.5930, 16.7830, -12.3130

Conversions

Conversions Part 2

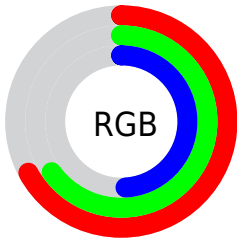
Format	Color
RYB	130, 172, 124
Decimal	11315068
CIELab	67.92, -5.16, 22.94
CIELCh	68, 23.516, 102.672
Yxy	37.8633, 0.3558, 0.3908
Android (android.graphics.Color)	4289505148 (0xFFACA77C)
YUV	163.5930, -19.5193, 7.3729
Hunter-Lab	61.5332, -7.6898, 19.4082

Details

The YUV color **163.5930, -19.5193, 7.3729** is a light color, and the websafe version is hex **999966**. A complement of this color would be **132.4070, 19.5193, -7.3729**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6640, -20.5404, 8.1877**, and **111.6360, -18.0615, 6.4582** is the 20% darker color. If you saturate the color by 10%, you get **160.4810, -26.3661, 10.1022**, and if you desaturate by 10%, it is **166.7050, -12.6726, 4.6437**.

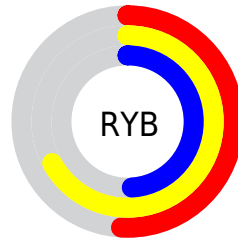
Distribution



Red (67%)

Green (65%)

Blue (49%)



Red (51%)

Yellow (67%)

Blue (49%)

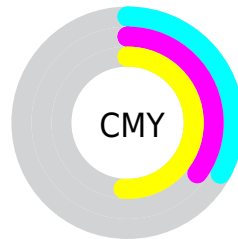


Cyan (0%)

Magenta (3%)

Yellow (28%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5930, -19.5193, 7.3729 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 163.5930, -19.5193, 7.3729 by changing the saturation by 10% instead.

■ 163.5930,
-19.5193, 7.3729

■ 163.5930,
-19.5193, 7.3729

■ 255.0000, 0.0000,
0.0000

■ 137.4080,
-18.9351, 6.6582

■ 218.6640,
-20.5404, 8.1877

■ 111.6360,
-18.0615, 6.4582

■ 246.8380,
-21.1191, 7.1581

■ 87.4510, -17.4773,
5.7435

■ 252.4920, -9.6096,
2.1995

■ 63.6790, -16.6037,
5.5435

■ 41.1520, -17.3299,
5.1287

■ 22.1500, -10.9200,
2.4995

■ 0.0000, 0.0000,

0.0000

■ 163.5930,
-19.5193, 7.3729

■ 163.5930,
-19.5193, 7.3729

■ 160.4810,
-26.3661, 10.1022

■ 166.7050,
-12.6726, 4.6437

■ 157.3690,
-33.2129, 12.8314

■ 169.8170, -5.8258,
1.9145

■ 154.7300,
-40.7859, 15.1458

■ 172.4560, 1.7472,
-0.3999

■ 151.6180,
-47.6327, 17.8750

■ 175.5680, 8.5940,
-3.1291

■ 148.5060,
-54.4795, 20.6042

■ 178.6800, 15.4408,
-5.8584

■ 145.3940,
-61.3262, 23.3335

■ 181.7920, 22.2875,
-8.5876

■ 142.2820,
-68.1730, 26.0627

■ 184.9040, 29.1343,
-11.3168

■ 141.8260,
-69.9202, 26.4626

■ 186.7450, 33.6497,
-12.9314

■ 187.9190, 33.0709,
-13.9610

Harmonies

Analogous

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



165.5780, -20.0050, 23.1721



163.5930, -19.5193, 7.3729



161.0790, -13.3499, -11.4703

Triad

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



163.5930, -19.5193, 7.3729



157.0080, 17.7441, -44.7340



169.4300, 4.7180, 26.8099

Complementary

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



163.5930, -19.5193, 7.3729



132.4070, 19.5193, -7.3729

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.



168.4370, 14.0816, 10.1408



163.5930, -19.5193, 7.3729



160.8230, 21.7793, -32.2938

Square

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



163.5930, -19.5193, 7.3729



156.3150, 8.7187, -43.2493



165.3140, 20.5512, -11.6764



168.4390, -5.6394, 35.5720

Rectangle

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



163.5930, -19.5193, 7.3729



159.3100, -7.0548, -23.9509



165.3140, 20.5512, -11.6764



169.2060, 7.7864, 22.6213

Sweetspot

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



163.5930, -19.5193, 7.3729



221.3610, -7.5730, 2.3144



139.0360, -4.4547, 28.9094



110.1590, -4.5154, 1.6146



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



163.5930, -19.5193, 7.3729



211.4550, -30.2973, 11.0020



161.1460, -18.3130, -6.2670



85.3870, -3.6418, 1.4146



124.0950, -61.1788, 22.7187



19.2040, -9.4676, 3.3291

Inverse Universe

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



132.4070, 19.5193, -7.3729



163.1320, 30.0079, -11.5168



134.8540, 18.3130, 6.2670



79.6130, 3.6418, -1.4146



26.4920, 60.8894, -23.2335



3.7960, 9.4676, -3.3291

Previews

White Background



This preview shows how the YUV color 163.5930, -19.5193, 7.3729 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 163.5930, -19.5193, 7.3729 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

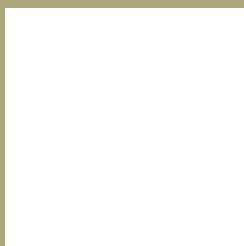
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.5930, -19.5193, 7.3729

Background



This preview shows how black text looks on a background with the YUV color 163.5930, -19.5193, 7.3729.



This preview shows how white text looks on a background with the YUV color 163.5930, -19.5193, 7.3729.

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

163.5930, -19.5193, 7.3729

Protanopia

163.8000, -20.1144, 11.5764

Deuteranopia

166.0020, -19.7210, 25.4312



Tritanopia

167.4510, 2.7357, 9.2515

Trichromacy



Original Color

163.5930, -19.5193, 7.3729

Protanomaly

163.7890, -20.1090, 9.8320

Deuteranomaly

165.2570, -19.8467, 19.0686

Tritanomaly

165.9750, -5.4107, 8.7919

Monochromacy



Original Color

163.5930, -19.5193, 7.3729

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.7740, -7.2836, 2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5930, -19.5193, 7.3729 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(172, 167, 124)` looks like.

```
.text, #text, p{  
    color:rgb(172, 167, 124)  
}
```

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(172, 167, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 167, 124) }
```

Border

The CSS property to change the border of an element to YUV 163.5930, -19.5193, 7.3729 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(172, 167, 124) }
```


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

```
.border{ border-color:rgb(172, 167, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 167, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 167, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 167, 124);  
box-shadow:4px 4px 4px 4px rgb(172, 167,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 163.5930, -19.5193, 7.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 167, 124) }
```

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

```
.background{ background-color: rgb(172,  
167, 124) }
```

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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