

Converting Colors

YUV(172.1670, -19.8023,
51.5965)

Have a look what the booklet for
YUV(172.1670, -19.8023, 51.5965)
contains.

YUV(172.1670, -19.8023, 51.5965)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(172.1670, -19.8023,
51.5965)**

Conversions

Conversions Part 1

Format	Color
Hex	E79684
RGB	231, 150, 132
RGB Percent	91%, 59%, 52%
CMY	0.0941, 0.4118, 0.4824
CMYK	0.00, 0.35, 0.43, 0.09
HSL	11°, 67%, 71%
HSV	11°, 43%, 91%
XYZ	48.0262, 40.4676, 27.1096
YIQ	172.1670, 54.0540, 11.5740

Conversions

Conversions Part 2

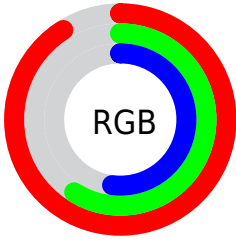
Format	Color
R _Y B	231, 154, 132
Decimal	15177348
CIE Lab	69.80, 28.41, 22.11
CIE LCh	70, 36.003, 37.894
Yxy	40.4676, 0.4154, 0.3501
Android (android.graphics.Color)	4293367428 (0xFFE79684)
YUV	172.1670, -19.8023, 51.5965
Hunter-Lab	63.6141, 23.4359, 19.2631

Details

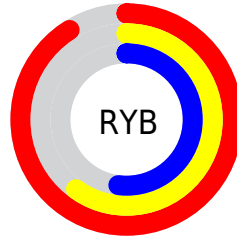
The YUV color **172.1670, -19.8023, 51.5965** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **190.8330, 19.8023, -51.5965**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6700, -16.1063, 32.7384**, and **118.6010, -18.0443, 47.7079** is the 20% darker color. If you saturate the color by 10%, you get **158.3920, -24.3503, 63.6772**, and if you desaturate by 10%, it is **185.9420, -15.2544, 39.5159**.

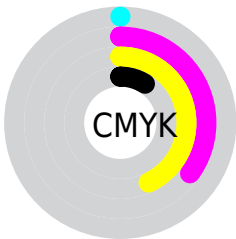
Distribution



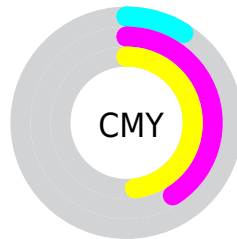
- Red (91%)
- Green (59%)
- Blue (52%)



- Red (91%)
- Yellow (60%)
- Blue (52%)



- Cyan (0%)
- Magenta (35%)
- Yellow (43%)
- Black (9%)



- Cyan (9%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1670, -19.8023, 51.5965 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 172.1670, -19.8023, 51.5965 by changing the saturation by 10% instead.

172.1670,
-19.8023, 51.5965

172.1670,
-19.8023, 51.5965

255.0000, 0.0000,
0.0000

145.3840,
-18.9233, 49.6522

217.6700,
-16.1063, 32.7384

118.6010,
-18.0443, 47.7079

237.2980,
-11.9789, 15.5247

93.2200, -16.8705,
44.5341

253.4040, -6.1152,
1.3997

68.5510, -15.5546,
42.4898

43.8110, -13.2178,
39.6308

20.0110, -9.8654,
37.7014

12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 172.1670,
-19.8023, 51.5965

■ 172.1670,
-19.8023, 51.5965

■ 158.3920,
-24.3503, 63.6772

■ 185.9420,
-15.2544, 39.5159

■ 144.6170,
-28.8982, 75.7579

■ 199.7170,
-10.7065, 27.4352

■ 130.8420,
-33.4461, 87.8386

■ 213.4920, -6.1586,
15.3545

■ 117.0670,
-37.9940, 99.9192

■ 227.2670, -1.6106,
3.2738

■ 103.8790,
-42.8313, 111.4851

■ 241.1560, 3.3741,
-8.9068

■ 93.7230, -46.2054,
120.3919

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



173.6630, -5.2569, 52.9155



172.1670, -19.8023, 51.5965



170.2610, -29.2157, 37.4821

Triad

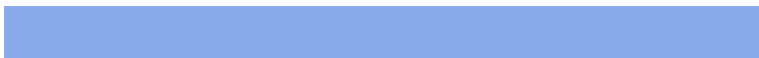
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



172.1670, -19.8023, 51.5965



158.3030, -6.5584, -43.2387



168.4290, 32.8195, -26.6862

Complementary

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



172.1670, -19.8023, 51.5965



190.8330, 19.8023, -51.5965

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.



157.5830, 35.7016, -64.5323



172.1670, -19.8023, 51.5965



150.3820, 13.6157, -74.0030

Square

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



172.1670, -19.8023, 51.5965



163.3640, -22.3645, -13.4742



146.2780, 31.4149, -89.6978



174.2550, 23.5383, 10.3004

Rectangle

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



172.1670, -19.8023, 51.5965



168.5920, -31.3509, 22.2828



146.2780, 31.4149, -89.6978



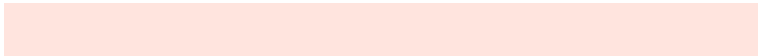
164.8080, 34.6047, -39.2966

Sweetspot

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



172.1670, -19.8023, 51.5965



235.3890, -6.6008, 17.1988



170.9490, 21.2241, 52.6647



115.6270, -4.2531, 10.8511



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.



172.1670, -19.8023, 51.5965



177.9580, -26.1083, 67.5658



200.3430, -33.6931, 26.8862



107.7620, -2.3477, 6.3477



72.3050, -35.6464, 93.5715



20.5320, -10.1223, 26.7204

Inverse Universe

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



190.8330, 19.8023, -51.5965



202.0420, 26.1083, -67.5658



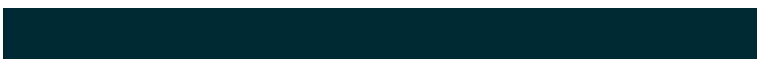
162.6570, 33.6931, -26.8862



110.2380, 2.3477, -6.3477



106.1080, 35.9358, -93.0567



30.4680, 10.1223, -26.7204

Previews

White Background



This preview shows how the YUV color 172.1670, -19.8023, 51.5965 looks on a white background.

Color Contrast Check

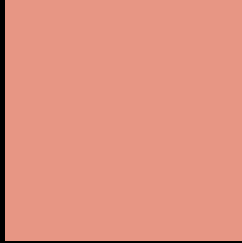
Large Text (above 18pt) WCAG AA × Fail

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 172.1670, -19.8023, 51.5965 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 172.1670, -19.8023, 51.5965

Background



This preview shows how black text looks on a background with the YUV color 172.1670, -19.8023, 51.5965.



This preview shows how white text looks on a background with the YUV color 172.1670, -19.8023,

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

172.1670, -19.8023, 51.5965

Protanopia

170.6840, -14.1412, 9.0471

Deuteranopia

171.0730, -20.7420, 26.2460



Tritanopia

173.2670, -8.0196, 52.3858

Trichromacy



Original Color

172.1670, -19.8023, 51.5965

Protanomaly

170.9140, -16.2266, 24.6314

Deuteranomaly

171.5410, -20.4797, 35.4825

Tritanomaly

172.5290, -12.0928, 52.1561

Monochromacy



Original Color

172.1670, -19.8023, 51.5965

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8730, -7.3324, 18.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1670, -19.8023, 51.5965 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(231, 150, 132)` looks like.

```
.text, #text, p{  
    color:rgb(231, 150, 132)  
}
```

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(231, 150, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 150, 132) }
```

Border

The CSS property to change the border of an element to YUV 172.1670, -19.8023, 51.5965 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(231, 150, 132) }
```


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

```
.border{ border-color:rgb(231, 150, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 150, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 150, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 150, 132);  
box-shadow:4px 4px 4px 4px rgb(231, 150,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 172.1670, -19.8023, 51.5965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 150, 132) }
```

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

```
.background{ background-color: rgb(231,  
150, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor