

Converting Colors

YUV(170.8670, -28.5284,
3.6246)

Have a look what the booklet for
YUV(170.8670, -28.5284, 3.6246)
contains.

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Color

**YUV(170.8670, -28.5284,
3.6246)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB471
RGB	175, 180, 113
RGB Percent	69%, 71%, 44%
CMY	0.3137, 0.2941, 0.5569
CMYK	0.03, 0.00, 0.37, 0.29
HSL	64°, 31%, 57%
HSV	64°, 37%, 71%
XYZ	36.9811, 42.9487, 21.9636
YIQ	170.8670, 18.5270, -21.8970

Conversions

Conversions Part 2

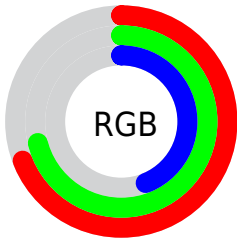
Format	Color
RYB	113, 180, 118
Decimal	11514993
CIELab	71.52, -12.22, 33.60
CIELCh	72, 35.756, 109.987
Yxy	42.9487, 0.3629, 0.4215
Android (android.graphics.Color)	4289705073 (0xFFAFB471)
YUV	170.8670, -28.5284, 3.6246
Hunter-Lab	65.5353, -13.9605, 26.0041

Details

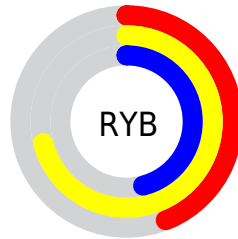
The YUV color **170.8670, -28.5284, 3.6246** is a light color, and the websafe version is hex **999966**. A complement of this color would be **122.1330, 28.5284, -3.6246**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5250, -29.8388, 3.9246**, and **118.0240, -26.6338, 2.6100** is the 20% darker color. If you saturate the color by 10%, you get **168.5160, -36.2434, 4.8095**, and if you desaturate by 10%, it is **173.2180, -20.8135, 2.4398**.

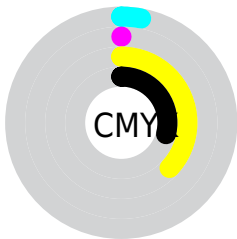
Distribution



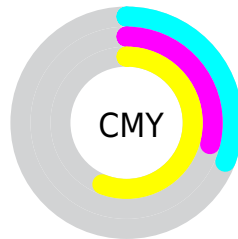
- Red (69%)
- Green (71%)
- Blue (44%)



- Red (44%)
- Yellow (71%)
- Blue (46%)



- Cyan (3%)
- Magenta (0%)
- Yellow (37%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8670, -28.5284, 3.6246 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 170.8670, -28.5284, 3.6246 by changing the saturation by 10% instead.

■ 170.8670,
-28.5284, 3.6246

■ 170.8670,
-28.5284, 3.6246

■ 255.0000, 0.0000,
0.0000

■ 144.0950,
-27.6548, 3.4247

■ 226.5250,
-29.8388, 3.9246

■ 118.0240,
-26.6338, 2.6100

■ 247.9320,
-27.0815, 6.1986

■ 93.1380, -26.1970,
2.5100

■ 251.1240,
-14.8511, 3.3993

■ 68.8390, -26.0496,
1.8952

■ 254.4300, -2.1840,
0.4999

■ 47.2240, -23.2814,
0.6806

■ 27.1340, -13.3771,
-2.7485

■ 5.8700, -2.8939,

-5.1480

■ 0.0000, 0.0000,
0.0000

■ 170.8670,
-28.5284, 3.6246

■ 170.8670,
-28.5284, 3.6246

■ 168.5160,
-36.2434, 4.8095

■ 173.2180,
-20.8135, 2.4398

■ 165.8660,
-43.8109, 5.3795

■ 175.8680,
-13.2459, 1.8698

■ 163.5150,
-51.5259, 6.5643

■ 178.2190, -5.5310,
0.6849

■ 161.1640,
-59.2409, 7.7492

■ 180.5700, 2.1840,
-0.4999

■ 158.5140,
-66.8084, 8.3192

■ 183.2200, 9.7515,
-1.0699

■ 156.1630,
-74.5234, 9.5040

■ 185.5710, 17.4665,
-2.2548

■ 155.5930,
-76.7073, 10.0039

■ 187.9220, 25.1815,
-3.4396

■ 190.3440, 31.8754,
-3.8097

■ 190.6430, 31.7280,
-3.1949

Harmonies

Analogous

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



173.7500, -30.9357, 29.1603



170.8670, -28.5284, 3.6246



166.6660, -17.0903, -25.1401

Triad

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



170.8670, -28.5284, 3.6246



155.6150, 33.7138, -80.3464



179.4370, 4.2216, 46.0978

Complementary

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



170.8670, -28.5284, 3.6246



122.1330, 28.5284, -3.6246

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.



179.6650, 18.4062, 23.0958



170.8670, -28.5284, 3.6246



167.5680, 35.2160, -48.7331

Square

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



170.8670, -28.5284, 3.6246



153.5750, 20.9155, -82.0653



176.3170, 29.4237, -10.8020



177.9530, -11.8088, 54.4152

Rectangle

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



170.8670, -28.5284, 3.6246



162.6340, -5.2426, -45.2830



176.3170, 29.4237, -10.8020



179.6580, 9.0426, 39.7649

Sweetspot

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



170.8670, -28.5284, 3.6246



231.4380, -11.0619, 1.3699



135.3810, -11.0338, 39.1309



114.9910, -6.4046, 0.8849



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



170.8670, -28.5284, 3.6246



220.5240, -45.1213, 5.6795



161.0000, -23.6640, -16.6630



87.9740, -3.9312, 0.8998



132.2690, -65.2086, 8.5341



22.4380, -11.0619, 1.3699

Inverse Universe

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



122.1330, 28.5284, -3.6246



143.4760, 45.1213, -5.6795



132.0000, 23.6640, 16.6630



81.3250, 3.7838, -0.2850



20.7310, 65.2086, -8.5341



3.5620, 11.0619, -1.3699

Previews

White Background



This preview shows how the YUV color 170.8670, -28.5284, 3.6246 looks on a white background.

Color Contrast Check

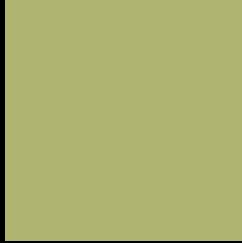
Large Text (above 18pt) WCAG AA × Fail

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 170.8670, -28.5284, 3.6246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

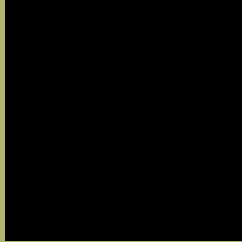
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.8670, -28.5284, 3.6246

Background



This preview shows how black text looks on a background with the YUV color 170.8670, -28.5284, 3.6246.



This preview shows how white text looks on a background with the YUV color 170.8670, -28.5284, 3.6246.

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

170.8670, -28.5284, 3.6246

Protanopia

172.4880, -30.3136, 16.2350

Deuteranopia

174.0430, -28.6152, 31.5343



Tritanopia

176.4830, 4.1989, 6.5924

Trichromacy



Original Color

170.8670, -28.5284, 3.6246

Protanomaly

171.9820, -29.5711, 11.4168

Deuteranomaly

172.9770, -28.5827, 21.0682

Tritanomaly

174.3830, -7.5838, 5.8031

Monochromacy



Original Color

170.8670, -28.5284, 3.6246

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.6660, -10.1883, 1.1699

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8670, -28.5284, 3.6246 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(175, 180, 113)` looks like.

```
.text, #text, p{  
    color:rgb(175, 180, 113)  
}
```

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(175, 180, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 180, 113) }
```

Border

The CSS property to change the border of an element to YUV 170.8670, -28.5284, 3.6246 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(175, 180, 113) }
```


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

```
.border{ border-color:rgb(175, 180, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 180, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 180, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 180, 113); box-shadow:4px 4px 4px 4px rgb(175, 180, 113) }
```

Background

The CSS property to change the background color of an element to YUV 170.8670, -28.5284, 3.6246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 180, 113) }
```

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

```
.background{ background-color: rgb(175,  
180, 113) }
```

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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