

Converting Colors

YUV(170.8670, -4.8644,
20.2876)

Have a look what the booklet for
YUV(170.8670, -4.8644, 20.2876)
contains.

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Color

**YUV(170.8670, -4.8644,
20.2876)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A1A1
RGB	194, 161, 161
RGB Percent	76%, 63%, 63%
CMY	0.2392, 0.3686, 0.3686
CMYK	0.00, 0.17, 0.17, 0.24
HSL	0°, 21%, 70%
HSV	0°, 17%, 76%
XYZ	41.4260, 39.5323, 39.1653
YIQ	170.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

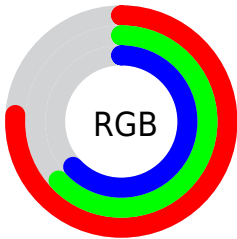
Format	Color
RYB	194, 161, 161
Decimal	12755361
CIELab	69.14, 12.13, 4.55
CIELCh	69, 12.958, 20.549
Yxy	39.5323, 0.3449, 0.3291
Android (android.graphics.Color)	4290945441 (0xFFC2A1A1)
YUV	170.8670, -4.8644, 20.2876
Hunter-Lab	62.8747, 7.5769, 7.0799

Details

The YUV color $170.8670, -4.8644, 20.2876$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $184.1330, 4.8644, -20.2876$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.4650, -5.1592, 21.5172$, and $118.3830, -4.1328, 18.9581$ is the 20% darker color. If you saturate the color by 10%, you get $157.5480, -7.6652, 31.9684$, and if you desaturate by 10%, it is $184.1860, -2.0637, 8.6069$.

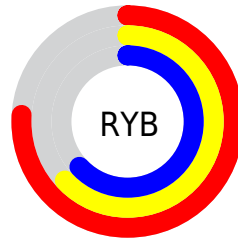
Distribution



Red (76%)

Green (63%)

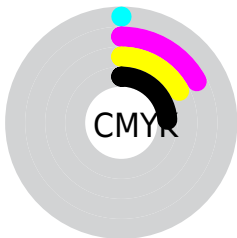
Blue (63%)



Red (76%)

Yellow (63%)

Blue (63%)

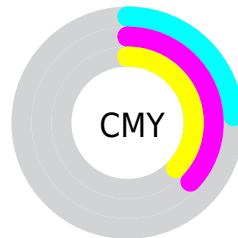


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8670, -4.8644, 20.2876 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, -4.8644, 20.2876 by changing the saturation by 10% instead.

 170.8670, -4.8644,
20.2876


 170.8670, -4.8644,
20.2876


255.0000, 0.0000,
0.0000


 144.5680, -4.7170,
19.6729


 226.4650, -5.1592,
21.5172


 118.3830, -4.1328,
18.9581

 247.2890, -1.6215,
6.7625

 93.6710, -4.2748,
17.8285

 70.0730, -3.9800,
16.5990

 47.4750, -3.6852,
15.3694

 25.9910, -2.9536,
14.0399

 5.6810, -2.8007,

11.6808

■ 0.0000, 0.0000,
0.0000

■ 170.8670, -4.8644,
20.2876

■ 170.8670, -4.8644,
20.2876

■ 157.5480, -7.6652,
31.9684

■ 184.1860, -2.0637,
8.6069

■ 143.5280,
-10.6133, 44.2639

■ 198.2060, 0.8844,
-3.6887

■ 130.2090,
-13.4140, 55.9447

■ 211.5250, 3.6852,
-15.3694

■ 116.1890,
-16.3622, 68.2402

■ 225.5450, 6.6333,
-27.6650

■ 102.8700,
-19.1629, 79.9210

■ 236.7610, 8.9918,
-37.5014

■ 89.5510, -21.9636,
91.6018

■ 75.5310, -24.9118,
103.8973

■ 62.2120, -27.7125,
115.5781

■ 58.0060, -28.5970,
119.2667

Harmonies

Analogous

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



171.0390, 0.9668, 16.6288



170.8670, -4.8644, 20.2876



170.0040, -9.3690, 18.4135

Triad

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



170.8670, -4.8644, 20.2876



166.3380, -6.0826, -9.0664



167.7130, 11.9735, -13.7803

Complementary

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



170.8670, -4.8644, 20.2876



184.1330, 4.8644, -20.2876

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.



165.5010, 10.1060, -21.4874



170.8670, -4.8644, 20.2876



164.7760, -0.3826, -17.3436

Square

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



170.8670, -4.8644, 20.2876



167.9650, -10.3357, 1.7847



164.9370, 5.4541, -22.7467



169.4370, 10.6306, -3.0142

Rectangle

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



170.8670, -4.8644, 20.2876



168.9280, -10.8105, 14.0951



164.9370, 5.4541, -22.7467



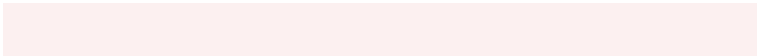
166.8760, 11.4001, -16.5543

Sweetspot

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



170.8670, -4.8644, 20.2876



243.5880, -1.7689, 7.3773



174.6290, 9.5499, 16.9884



122.3920, -1.1793, 4.9182



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.



170.8670, -4.8644, 20.2876



216.9500, -7.3703, 30.7389



180.8460, -9.7841, 11.5361



89.9900, -1.4741, 6.1478



48.1390, -23.7325, 98.9791



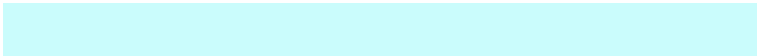
9.8670, -4.8644, 20.2876

Inverse Universe

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



184.1330, 4.8644, -20.2876



237.0500, 7.3704, -30.7388



174.7410, 9.4947, -12.0509



94.0100, 1.4741, -6.1478



112.8610, 23.7325, -98.9791



23.1330, 4.8644, -20.2876

Previews

White Background



This preview shows how the YUV color 170.8670, -4.8644, 20.2876 looks on a white background.

Color Contrast Check

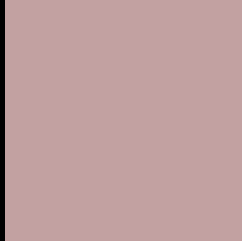
Large Text (above 18pt) WCAG AA × Fail

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, -4.8644, 20.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

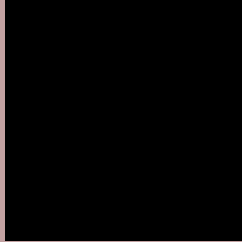
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.8670, -4.8644, 20.2876

Background



This preview shows how black text looks on a background with the YUV color 170.8670, -4.8644, 20.2876.



This preview shows how white text looks on a background with the YUV color 170.8670, -4.8644,

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, -4.8644, 20.2876

Protanopia

169.1530, -2.0474, 3.3738

Deuteranopia

170.2470, -4.5588, 15.5694



Tritanopia

171.2460, 0.3717, 20.8323

Trichromacy



Original Color

170.8670, -4.8644, 20.2876

Protanomaly

169.6700, -2.7953, 9.9364

Deuteranomaly

170.2580, -4.5642, 17.3137

Tritanomaly

171.3770, -1.6649, 20.7174

Monochromacy



Original Color

170.8670, -4.8644, 20.2876

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.5880, -1.7689, 7.3773

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8670, -4.8644, 20.2876 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(194, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 161, 161)  
}
```

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(194, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 161, 161) }
```

Border

The CSS property to change the border of an element to YUV 170.8670, -4.8644, 20.2876 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(194, 161, 161) }
```


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

```
.border{ border-color:rgb(194, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(194, 161,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 170.8670, -4.8644, 20.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 161, 161) }
```

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

```
.background{ background-color: rgb(194,  
161, 161) }
```

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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