

Converting Colors

YUV(168.3700, -14.4794,
24.2315)

Have a look what the booklet for
YUV(168.3700, -14.4794, 24.2315)
contains.

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Color

**YUV(168.3700, -14.4794,
24.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A08B
RGB	196, 160, 139
RGB Percent	77%, 63%, 55%
CMY	0.2314, 0.3725, 0.4549
CMYK	0.00, 0.18, 0.29, 0.23
HSL	22°, 33%, 66%
HSV	22°, 29%, 77%
XYZ	39.9960, 38.7415, 29.7959
YIQ	168.3700, 28.1970, 1.1010

Conversions

Conversions Part 2

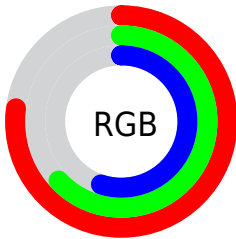
Format	Color
R _Y B	196, 172, 139
Decimal	12886155
CIE Lab	68.56, 10.18, 15.95
CIE LCh	69, 18.926, 57.448
Yxy	38.7415, 0.3685, 0.3570
Android (android.graphics.Color)	4291076235 (0xFFC4A08B)
YUV	168.3700, -14.4794, 24.2315
Hunter-Lab	62.2426, 5.7762, 15.1874

Details

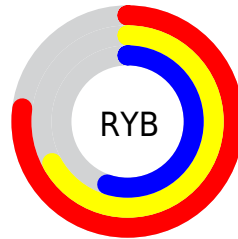
The YUV color $168.3700, -14.4794, 24.2315$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $166.6300, 14.4794, -24.2315$, and the grayscale version is $168.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $223.8540, -15.2110, 25.5610$, and $116.2880, -13.4530, 21.6724$ is the 20% darker color. If you saturate the color by 10%, you get $159.0460, -19.7427, 32.4087$, and if you desaturate by 10%, it is $177.6940, -9.2161, 16.0544$.

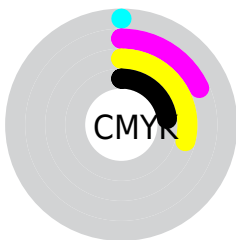
Distribution



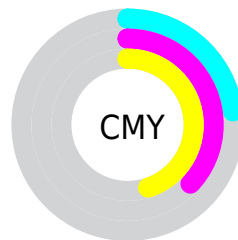
- Red (77%)
- Green (63%)
- Blue (55%)



- Red (77%)
- Yellow (67%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (23%)



- Cyan (23%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3700, -14.4794, 24.2315 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 168.3700, -14.4794, 24.2315 by changing the saturation by 10% instead.

■ 168.3700,
-14.4794, 24.2315

■ 168.3700,
-14.4794, 24.2315

■ 255.0000, 0.0000,
0.0000

■ 141.7720,
-14.1846, 23.0020

■ 223.8540,
-15.2110, 25.5610

■ 116.2880,
-13.4530, 21.6724

■ 243.9660,
-11.8152, 9.6768

■ 91.1030, -12.8688,
20.9577

■ 254.3160, -2.6208,
0.5999

■ 67.6190, -12.1372,
19.6281

■ 44.8360, -11.2581,
17.6838

■ 24.0100, -11.8369,
16.6542

■ 2.9900, -1.4741,

6.1478

■ 0.0000, 0.0000,
0.0000

■ 168.3700,
-14.4794, 24.2315

■ 168.3700,
-14.4794, 24.2315

■ 159.0460,
-19.7427, 32.4087

■ 177.6940, -9.2161,
16.0544

■ 149.2490,
-24.2798, 41.0006

■ 187.4910, -4.6791,
7.4624

■ 139.9250,
-29.5430, 49.1778

■ 196.8150, 0.5842,
-0.7148

■ 130.1280,
-34.0801, 57.7697

■ 206.6120, 5.1213,
-9.3067

■ 120.8040,
-39.3434, 65.9469

■ 215.9360, 10.3846,
-17.4839

■ 111.4800,
-44.6066, 74.1240

■ 225.0320, 14.7742,
-25.4611

■ 101.6830,
-49.1437, 82.7160

■ 232.6630, 11.0121,
-32.1535

■ 100.8680,
-49.7279, 83.4308

■ 237.3590, 8.6970,
-36.2718

Harmonies

Analogous

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



169.5970, -8.6753, 29.2944



168.3700, -14.4794, 24.2315



167.0220, -16.7728, 13.1357

Triad

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



168.3700, -14.4794, 24.2315



160.9810, 1.9814, -28.9243



168.3710, 14.1141, -0.3254

Complementary

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



168.3700, -14.4794, 24.2315



166.6300, 14.4794, -24.2315

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.



165.7710, 17.3679, -17.3392



168.3700, -14.4794, 24.2315



160.8260, 10.4388, -34.9274

Square

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



168.3700, -14.4794, 24.2315



162.6530, -7.2239, -16.3587



162.3410, 16.1009, -30.9941



170.1620, 7.8081, 15.6439

Rectangle

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



168.3700, -14.4794, 24.2315



165.4230, -14.9985, 4.0140



162.3410, 16.1009, -30.9941



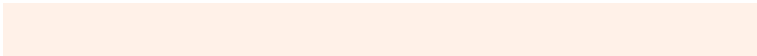
167.7940, 15.8776, -5.9583

Sweetspot

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



168.3700, -14.4794, 24.2315



244.1600, -5.9949, 9.5067



160.1470, 7.3225, 31.4431



121.0070, -3.9475, 6.1329



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.



168.3700, -14.4794, 24.2315



211.9820, -22.6691, 37.7268



184.8060, -22.5824, 9.8171



92.3380, -2.6316, 4.0886



82.7720, -40.8066, 68.6060



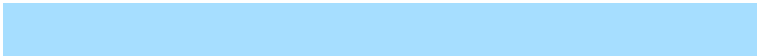
16.9110, -8.3371, 14.1101

Inverse Universe

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



166.6300, 14.4794, -24.2315



209.0180, 22.6691, -37.7268



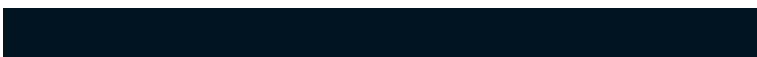
150.1940, 22.5824, -9.8171



91.6620, 2.6316, -4.0886



77.6410, 41.0960, -68.0912



16.0890, 8.3371, -14.1101

Previews

White Background



This preview shows how the YUV color 168.3700, -14.4794, 24.2315 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 168.3700, -14.4794, 24.2315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

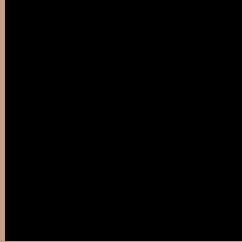
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.3700, -14.4794, 24.2315

Background



This preview shows how black text looks on a background with the YUV color 168.3700, -14.4794, 24.2315.



This preview shows how white text looks on a background with the YUV color 168.3700, -14.4794,

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

168.3700, -14.4794, 24.2315

Protanopia

166.8410, -12.2466, 8.0324

Deuteranopia

168.3590, -14.4740, 22.4872



Tritanopia

170.2250, -1.0969, 25.2357

Trichromacy



Original Color

168.3700, -14.4794, 24.2315

Protanomaly

167.0590, -12.8471, 13.9803

Deuteranomaly

168.6580, -14.6214, 23.1019

Tritanomaly

169.2590, -6.0437, 25.2059

Monochromacy



Original Color

168.3700, -14.4794, 24.2315

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9750, -5.4107, 8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3700, -14.4794, 24.2315 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(196, 160, 139)` looks like.

```
.text, #text, p{  
    color:rgb(196, 160, 139)  
}
```

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(196, 160, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 160, 139) }
```

Border

The CSS property to change the border of an element to YUV 168.3700, -14.4794, 24.2315 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

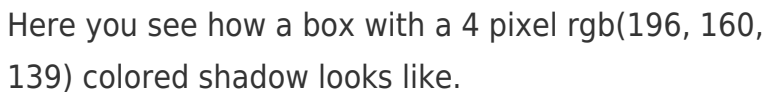
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 160, 139) }
```


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

```
.border{ border-color:rgb(196, 160, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 160, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 160, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 160, 139); box-shadow:4px 4px 4px 4px rgb(196, 160, 139) }
```

Background

The CSS property to change the background color of an element to YUV 168.3700, -14.4794, 24.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 160, 139) }
```

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

```
.background{ background-color: rgb(196,  
160, 139) }
```

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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