

Converting Colors

YUV(169.8180, -40.8293,
29.1006)

Have a look what the booklet for
YUV(169.8180, -40.8293, 29.1006)
contains.

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Color

**YUV(169.8180, -40.8293,
29.1006)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA957
RGB	203, 169, 87
RGB Percent	80%, 66%, 34%
CMY	0.2039, 0.3373, 0.6588
CMYK	0.00, 0.17, 0.57, 0.20
HSL	42°, 53%, 57%
HSV	42°, 57%, 80%
XYZ	40.5369, 41.7606, 14.9409
YIQ	169.8180, 46.5860, -18.2940

Conversions

Conversions Part 2

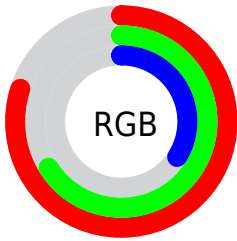
Format	Color
RYB	135, 203, 87
Decimal	13347159
CIELab	70.71, 2.63, 46.33
CIELCh	71, 46.409, 86.748
Yxy	41.7606, 0.4169, 0.4295
Android (android.graphics.Color)	4291537239 (0xFFCBA957)
YUV	169.8180, -40.8293, 29.1006
Hunter-Lab	64.6224, -1.1183, 31.5277

Details

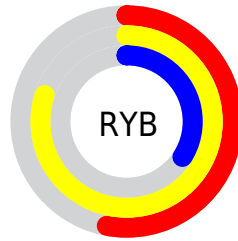
The YUV color **169.8180, -40.8293, 29.1006** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **120.1820, 40.8293, -29.1006**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5790, -41.6974, 27.5562**, and **116.5510, -39.2186, 25.8268** is the 20% darker color. If you saturate the color by 10%, you get **164.0160, -47.8289, 34.1890**, and if you desaturate by 10%, it is **175.6200, -33.8297, 24.0123**.

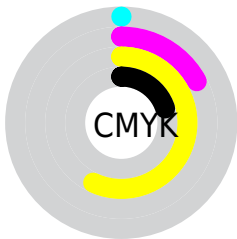
Distribution



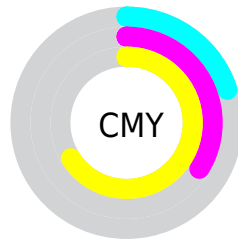
- Red (80%)
- Green (66%)
- Blue (34%)



- Red (53%)
- Yellow (80%)
- Blue (34%)



- Cyan (0%)
- Magenta (17%)
- Yellow (57%)
- Black (20%)



- Cyan (20%)
- Magenta (34%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.8180, -40.8293, 29.1006 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 169.8180, -40.8293, 29.1006 by changing the saturation by 10% instead.

■ 169.8180,
-40.8293, 29.1006

■ 169.8180,
-40.8293, 29.1006

■ 255.0000, 0.0000,
0.0000

■ 143.0350,
-39.9503, 27.1563

■ 223.5790,
-41.6974, 27.5562

■ 116.5510,
-39.2186, 25.8268

■ 243.6800,
-38.2962, 9.9276

■ 90.6710, -41.2498,
23.9675

■ 248.0460,
-26.6447, 6.0987

■ 68.0110, -33.5294,
21.0384

■ 251.2380,
-14.4143, 3.2993

■ 47.3230, -23.3302,
16.3797

■ 254.5440, -1.7472,
0.3999

■ 27.8090, -13.7098,
10.6915

■ 3.2890, -1.6215,

6.7625

■ 0.0000, 0.0000,
0.0000

■ 169.8180,
-40.8293, 29.1006

■ 169.8180,
-40.8293, 29.1006

■ 164.0160,
-47.8289, 34.1890

■ 175.6200,
-33.8297, 24.0123

■ 158.1000,
-55.2653, 39.3773

■ 181.5360,
-26.3932, 18.8239

■ 152.2980,
-62.2649, 44.4657

■ 187.3380,
-19.3936, 13.7356

■ 146.4960,
-69.2645, 49.5540

■ 193.1400,
-12.3940, 8.6472

■ 145.2250,
-71.5959, 50.6687

■ 199.0560, -4.9576,
3.4589

■ 204.8580, 2.0420,
-1.6295

■ 210.6600, 9.0416,
-6.7178

■ 216.4620, 16.0412,
-11.8062

■ 220.6680, 16.9257,
-15.4948

Harmonies

Analogous

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



172.4050, -34.2167, 54.8958



169.8180, -40.8293, 29.1006



165.8030, -34.9059, -4.2122

Triad

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



169.8180, -40.8293, 29.1006



137.8180, 35.5857, -120.8664



178.0350, 20.6887, 37.6803

Complementary

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



169.8180, -40.8293, 29.1006



120.1820, 40.8293, -29.1006

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.



175.3700, 35.8066, -4.7095



169.8180, -40.8293, 29.1006



138.6450, 51.4470, -121.5917

Square

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



169.8180, -40.8293, 29.1006



140.0810, 13.2711, -103.5570



161.6510, 46.0211, -61.0839



176.4500, 1.2572, 63.6264

Rectangle

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



169.8180, -40.8293, 29.1006



161.5100, -23.9154, -29.3883



161.6510, 46.0211, -61.0839



178.0380, 26.1103, 25.3997

Sweetspot

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



169.8180, -40.8293, 29.1006



242.4670, -15.0202, 10.9914



125.6740, -1.8113, 67.8149



120.3400, -9.0416, 6.7178



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.



169.8180, -40.8293, 29.1006



204.4120, -61.8281, 44.3657



182.8990, -47.2782, -2.5424



99.0990, -3.4998, 2.5442



118.3130, -58.3283, 41.8215



27.2110, -13.4150, 9.4620

Inverse Universe

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



120.1820, 40.8293, -29.1006



129.5880, 61.8281, -44.3657



107.1010, 47.2782, 2.5424



94.9010, 3.4998, -2.5442



47.6870, 58.3283, -41.8215



10.7890, 13.4150, -9.4620

Previews

White Background



This preview shows how the YUV color 169.8180, -40.8293, 29.1006 looks on a white background.

Color Contrast Check

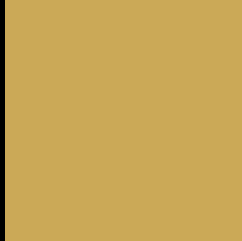
Large Text (above 18pt) WCAG AA × Fail

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 169.8180, -40.8293, 29.1006 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 169.8180, -40.8293, 29.1006

Background



This preview shows how black text looks on a background with the YUV color 169.8180, -40.8293, 29.1006.



This preview shows how white text looks on a background with the YUV color 169.8180, -40.8293, 29.1006.

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

169.8180, -40.8293, 29.1006

Protanopia

168.6920, -39.7812, 19.5641

Deuteranopia

170.5740, -40.7090, 37.2076



Tritanopia

176.3180, -2.1288, 29.5391

Trichromacy



Original Color

169.8180, -40.8293, 29.1006

Protanomaly

169.3010, -40.0814, 22.5380

Deuteranomaly

169.9650, -40.4087, 34.2337

Tritanomaly

173.6480, -16.0955, 29.2497

Monochromacy



Original Color

169.8180, -40.8293, 29.1006

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1680, -14.8728, 10.3767

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.8180, -40.8293, 29.1006 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(203, 169, 87)` looks like.

```
.text, #text, p{  
    color:rgb(203, 169, 87)  
}
```

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(203, 169, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 169, 87) }
```

Border

The CSS property to change the border of an element to YUV 169.8180, -40.8293, 29.1006 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(203, 169, 87) }
```


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

```
.border{ border-color:rgb(203, 169, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 169, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 169, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 169, 87);  
box-shadow:4px 4px 4px 4px rgb(203, 169,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 169.8180, -40.8293, 29.1006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 169, 87) }
```

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

```
.background{ background-color: rgb(203,  
169, 87) }
```

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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