

Converting Colors

YUV(169.1900, -81.9317,
52.4534)

Have a look what the booklet for
YUV(169.1900, -81.9317, 52.4534)
contains.

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Color

**YUV(169.1900, -81.9317,
52.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AB03
RGB	229, 171, 3
RGB Percent	90%, 67%, 1%
CMY	0.1020, 0.3294, 0.9882
CMYK	0.00, 0.25, 0.99, 0.10
HSL	45°, 97%, 45%
HSV	45°, 99%, 90%
XYZ	46.8924, 45.7904, 6.4531
YIQ	169.1900, 88.4960, -39.9520

Conversions

Conversions Part 2

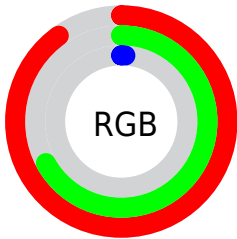
Format	Color
R_{YB}	81, 229, 3
Decimal	15051523
CIE _{Lab}	73.41, 9.70, 76.18
CIE _{LCh}	73, 76.792, 82.743
Yxy	45.7904, 0.4730, 0.4619
Android (android.graphics.Color)	4293241603 (0xFFE5AB03)
YUV	169.1900, -81.9317, 52.4534
Hunter-Lab	67.6686, 5.2754, 41.7140

Details

The YUV color **169.1900, -81.9317, 52.4534** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **62.8100, 81.9317, -52.4534**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0270, -68.0473, 32.4253**, and **120.0850, -59.2019, 42.0215** is the 20% darker color. If you saturate the color by 10%, you get **168.2610, -82.9527, 53.2681**, and if you desaturate by 10%, it is **175.3340, -73.6217, 47.0651**.

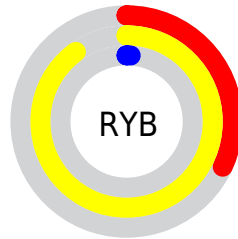
Distribution



Red (90%)

Green (67%)

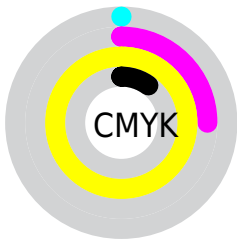
Blue (1%)



Red (32%)

Yellow (90%)

Blue (1%)

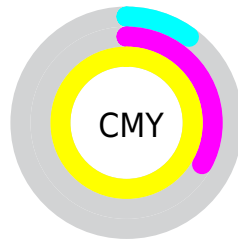


Cyan (0%)

Magenta (25%)

Yellow (99%)

Black (10%)



Cyan (10%)

Magenta (33%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.1900, -81.9317, 52.4534 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 169.1900, -81.9317, 52.4534 by changing the saturation by 10% instead.

■ 169.1900,
-81.9317, 52.4534

■ 169.1900,
-81.9317, 52.4534

■ 255.0000, 0.0000,
0.0000

■ 144.3170,
-71.1483, 47.0800

■ 218.0270,
-68.0473, 32.4253

■ 120.0850,
-59.2019, 42.0215

■ 238.3560,
-63.7725, 14.5968

■ 97.0270, -47.8343,
35.9333

■ 241.5480,
-51.5422, 11.7974

■ 74.2680, -36.6141,
30.4600

■ 244.8540,
-38.8750, 8.8980

■ 52.9820, -26.1201,
24.5718

■ 248.0460,
-26.6447, 6.0987

■ 32.8810, -16.2103,
19.3984

■ 251.4660,

■ 11.6170, -5.7272,

-13.5407, 3.0993

16.9989

254.7720, -0.8736,
0.2000

■ 0.0000, 0.0000,
0.0000

■ 169.1900,
-81.9317, 52.4534

■ 169.1900,
-81.9317, 52.4534

■ 168.2610,
-82.9527, 53.2681

■ 175.3340,
-73.6217, 47.0651

■ 181.4780,
-65.3117, 41.6768

■ 187.6220,
-57.0016, 36.2885

■ 193.7660,
-48.6916, 30.9002

■ 199.2090,
-40.5290, 26.1267

■ 205.3530,
-32.2190, 20.7384

■ 211.4970,
-23.9090, 15.3501

■ 217.6410,
-15.5990, 9.9618

■ 223.7850, -7.2890,
4.5736

Harmonies

Analogous

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



167.2370, -49.4168, 76.9682



169.1900, -81.9317, 52.4534



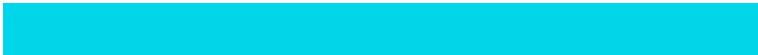
164.7640, -69.3967, -1.5470

Triad

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



169.1900, -81.9317, 52.4534



151.5930, 40.1337, -132.9471



183.6410, 35.1800, 56.4428

Complementary

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



169.1900, -81.9317, 52.4534



62.8100, 81.9317, -52.4534

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.



171.9270, 40.9550, -22.7380



169.1900, -81.9317, 52.4534



151.1660, 51.1902, -132.5726

Square

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



169.1900, -81.9317, 52.4534



142.6840, 8.5368, -125.1339



142.9480, 55.2416, -125.3654



164.3160, 18.0852, 79.5299

Rectangle

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



169.1900, -81.9317, 52.4534



157.9060, -44.8167, -45.5216



142.9480, 55.2416, -125.3654



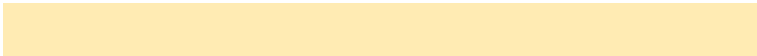
182.0250, 35.9767, 34.1811

Sweetspot

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



169.1900, -81.9317, 52.4534



234.5960, -27.4088, 17.8943



77.4140, -7.1061, 132.9409



115.7120, -16.6200, 10.7766



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.



169.1900, -81.9317, 52.4534



187.7750, -92.5731, 58.9563



187.3890, -90.9038, -9.9882



111.8710, -4.3734, 2.7441



131.5920, -64.8749, 41.5768



37.5550, -18.5146, 11.7913

Inverse Universe

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



62.8100, 81.9317, -52.4534



67.2250, 92.5731, -58.9563



44.6110, 90.9038, 9.9882



106.1290, 4.3734, -2.7441



47.4080, 64.8749, -41.5768



13.4450, 18.5146, -11.7913

Previews

White Background



This preview shows how the YUV color 169.1900, -81.9317, 52.4534 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 169.1900, -81.9317, 52.4534 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 169.1900, -81.9317, 52.4534 Background



This preview shows how black text looks on a background with the YUV color 169.1900, -81.9317, 52.4534.



This preview shows how white text looks on a background with the YUV color 169.1900, -81.9317, 52.4534.

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

169.1900, -81.9317, 52.4534

Protanopia

168.7250, -76.7724, 30.9362

Deuteranopia

168.5490, -83.0947, 52.1385



Tritanopia

183.6900, -6.2562, 46.7529

Trichromacy



Original Color

169.1900, -81.9317, 52.4534

Protanomaly

168.6120, -78.6887, 38.9283

Deuteranomaly

168.6630, -82.6579, 52.0385

Tritanomaly

178.1870, -33.6162, 48.9480

Monochromacy



Original Color

169.1900, -81.9317, 52.4534

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.3250, -29.7402, 19.0090

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.1900, -81.9317, 52.4534 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(229, 171, 3)` looks like.

```
.text, #text, p{  
    color:rgb(229, 171, 3)  
}
```

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(229, 171, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 171, 3) }
```

Border

The CSS property to change the border of an element to YUV 169.1900, -81.9317, 52.4534 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(229, 171, 3) }
```


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

```
.border{ border-color:rgb(229, 171, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 171, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 171, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 171, 3);  
box-shadow:4px 4px 4px 4px rgb(229, 171,  
3) }
```

Background

The CSS property to change the background color of an element to YUV 169.1900, -81.9317, 52.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 171, 3) }
```

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

```
.background{ background-color: rgb(229,  
171, 3) }
```

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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