

Converting Colors

YUV(169.8680, -46.7699,
21.1638)

Have a look what the booklet for
YUV(169.8680, -46.7699, 21.1638)
contains.

YUV(169.8680, -46.7699, 21.1638)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(169.8680, -46.7699,
21.1638)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B04B
RGB	194, 176, 75
RGB Percent	76%, 69%, 29%
CMY	0.2392, 0.3098, 0.7059
CMYK	0.00, 0.09, 0.61, 0.24
HSL	51°, 49%, 53%
HSV	51°, 61%, 76%
XYZ	39.0435, 43.0280, 12.9040
YIQ	169.8680, 43.1490, -27.5950

Conversions

Conversions Part 2

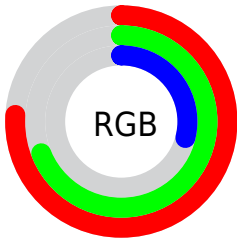
Format	Color
RYB	96, 194, 75
Decimal	12759115
CIELab	71.57, -5.79, 52.75
CIELCh	72, 53.067, 96.264
Yxy	43.0280, 0.4111, 0.4530
Android (android.graphics.Color)	4290949195 (0xFFC2B04B)
YUV	169.8680, -46.7699, 21.1638
Hunter-Lab	65.5957, -8.5469, 34.2534

Details

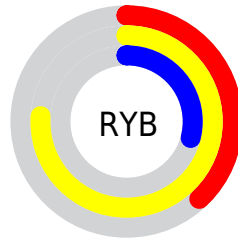
The YUV color **169.8680, -46.7699, 21.1638** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **99.1320, 46.7699, -21.1638**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.8360, -48.2331, 23.8228**, and **116.0310, -47.3433, 18.3898** is the 20% darker color. If you saturate the color by 10%, you get **165.9410, -54.2009, 24.6077**, and if you desaturate by 10%, it is **173.7950, -39.3389, 17.7198**.

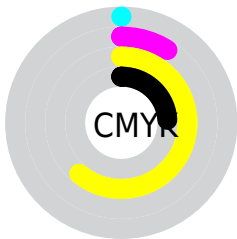
Distribution



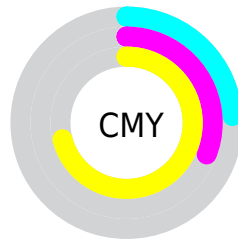
- Red (76%)
- Green (69%)
- Blue (29%)



- Red (38%)
- Yellow (76%)
- Blue (29%)



- Cyan (0%)
- Magenta (9%)
- Yellow (61%)
- Black (24%)



- Cyan (24%)
- Magenta (31%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.8680, -46.7699, 21.1638 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 169.8680, -46.7699, 21.1638 by changing the saturation by 10% instead.

■ 169.8680,
-46.7699, 21.1638

■ 169.8680,
-46.7699, 21.1638

255.0000, 0.0000,
0.0000

■ 142.3840,
-46.0383, 19.8342

■ 225.8360,
-48.2331, 23.8228

■ 116.0310,
-47.3433, 18.3898

■ 243.6000,
-43.6798, 9.9978

■ 91.0030, -44.8645,
16.6604

■ 246.6780,
-31.8863, 7.2984

■ 69.1410, -34.0865,
13.0313

■ 249.9840,
-19.2191, 4.3990

■ 48.1540, -23.7399,
7.7579

■ 253.1760, -6.9888,
1.5996

■ 28.6510, -14.1249,
3.8141

■ 5.8700, -2.8939,

-5.1480

■ 0.0000, 0.0000,
0.0000

■ 169.8680,
-46.7699, 21.1638

■ 169.8680,
-46.7699, 21.1638

■ 165.9410,
-54.2009, 24.6077

■ 173.7950,
-39.3389, 17.7198

■ 161.9000,
-62.0687, 28.1517

■ 177.8360,
-31.4711, 14.1758

■ 157.9730,
-69.4997, 31.5957

■ 181.7630,
-24.0402, 10.7318

■ 154.8610,
-76.3465, 34.3249

■ 185.8040,
-16.1724, 7.1879

■ 189.7310, -8.7414,
3.7439

■ 193.6580, -1.3104,
0.2999

■ 197.6990, 6.5574,
-3.2440

■ 201.0390, 14.2778,
-6.1732

■ 205.0800, 22.1456,
-9.7172

Harmonies

Analogous

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



173.4020, -43.0892, 54.0214



169.8680, -46.7699, 21.1638



164.4160, -34.7151, -18.7818

Triad

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



169.8680, -46.7699, 21.1638



142.5600, 43.6009, -125.0251



179.9340, 17.2875, 55.3089

Complementary

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



169.8680, -46.7699, 21.1638



99.1320, 46.7699, -21.1638

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.



179.6970, 36.6314, 10.7897



169.8680, -46.7699, 21.1638



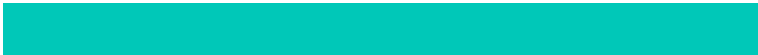
141.1870, 56.1098, -123.8210

Square

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



169.8680, -46.7699, 21.1638



138.3760, 22.4926, -121.3558



165.5600, 44.0939, -49.6031



173.9410, -3.4219, 71.0887

Rectangle

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



169.8680, -46.7699, 21.1638



158.2300, -19.3404, -50.1907



165.5600, 44.0939, -49.6031



180.3930, 24.4563, 42.6283

Sweetspot

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



169.8680, -46.7699, 21.1638



243.3480, -17.9196, 7.5878



112.8610, -8.8055, 71.1589



121.7590, -11.2202, 5.4734



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.



169.8680, -46.7699, 21.1638



214.3600, -73.1415, 33.0103



168.4740, -46.0827, -12.6937



94.6860, -3.7892, 2.0294



127.9710, -63.0897, 28.9664



26.3030, -12.9674, 5.8733

Inverse Universe

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



99.1320, 46.7699, -21.1638



103.6400, 73.1415, -33.0103



100.5260, 46.0827, 12.6937



89.3140, 3.7892, -2.0294



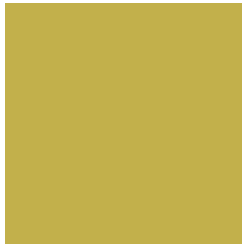
32.4420, 63.3791, -28.4516



6.6970, 12.9674, -5.8733

Previews

White Background



This preview shows how the YUV color 169.8680, -46.7699, 21.1638 looks on a white background.

Color Contrast Check

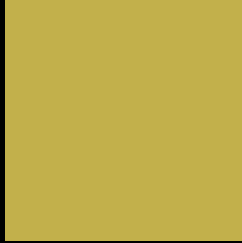
Large Text (above 18pt) WCAG AA × Fail

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 169.8680, -46.7699, 21.1638 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 169.8680, -46.7699, 21.1638

Background



This preview shows how black text looks on a background with the YUV color 169.8680, -46.7699, 21.1638.



This preview shows how white text looks on a background with the YUV color 169.8680, -46.7699, 21.1638.

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

169.8680, -46.7699, 21.1638

Protanopia

170.1670, -46.9173, 21.7785

Deuteranopia

171.8040, -46.2454, 39.6369



Tritanopia

177.8440, 0.0769, 22.0618

Trichromacy



Original Color

169.8680, -46.7699, 21.1638

Protanomaly

170.1670, -46.9173, 21.7785

Deuteranomaly

171.0590, -46.3711, 33.2743

Tritanomaly

175.0770, -16.8000, 21.8575

Monochromacy



Original Color

169.8680, -46.7699, 21.1638

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8750, -17.1934, 8.0026

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.8680, -46.7699, 21.1638 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, 176, 75)` looks like.

```
.text, #text, p{  
    color:rgb(194, 176, 75)  
}
```

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, 176, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 176, 75) }
```

Border

The CSS property to change the border of an element to YUV 169.8680, -46.7699, 21.1638 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, 176, 75) }
```


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

```
.border{ border-color:rgb(194, 176, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 176, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 176, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 176, 75);  
box-shadow:4px 4px 4px 4px rgb(194, 176,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 169.8680, -46.7699, 21.1638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 176, 75) }
```

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

```
.background{ background-color: rgb(194,  
176, 75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor