

Converting Colors

YUV(177.7410, -40.7913,
16.8901)

Have a look what the booklet for
YUV(177.7410, -40.7913, 16.8901)
contains.

YUV(177.7410, -40.7913, 16.8901)	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(177.7410, -40.7913,
16.8901)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B85F
RGB	197, 184, 95
RGB Percent	77%, 72%, 37%
CMY	0.2275, 0.2784, 0.6275
CMYK	0.00, 0.07, 0.52, 0.23
HSL	52°, 47%, 57%
HSV	52°, 52%, 77%
XYZ	42.2320, 46.9775, 17.6682
YIQ	177.7410, 36.3170, -24.9230

Conversions

Conversions Part 2

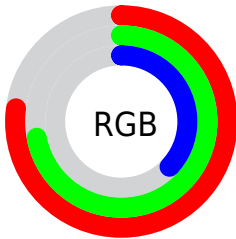
Format	Color
RYB	110, 197, 95
Decimal	12957791
CIELab	74.18, -7.15, 46.39
CIElCh	74, 46.935, 98.761
Yxy	46.9775, 0.3951, 0.4395
Android (android.graphics.Color)	4291147871 (0xFFC5B85F)
YUV	177.7410, -40.7913, 16.8901
Hunter-Lab	68.5401, -9.9599, 32.6944

Details

The YUV color **177.7410, -40.7913, 16.8901** 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 **114.2590, 40.7913, -16.8901**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.9970, -42.3965, 18.4196**, and **124.0720, -39.4755, 14.8459** is the 20% darker color. If you saturate the color by 10%, you get **173.7000, -48.6591, 20.4341**, and if you desaturate by 10%, it is **181.7820, -32.9235, 13.3462**.

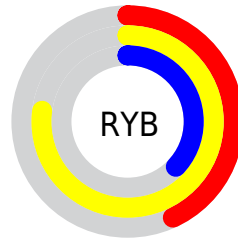
Distribution



Red (77%)

Green (72%)

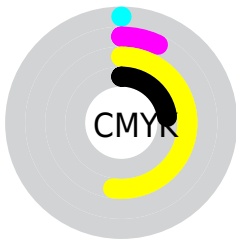
Blue (37%)



Red (43%)

Yellow (77%)

Blue (37%)

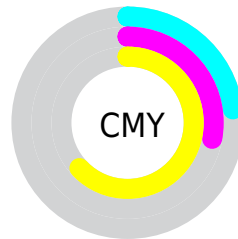


Cyan (0%)

Magenta (7%)

Yellow (52%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7410, -40.7913, 16.8901 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 177.7410, -40.7913, 16.8901 by changing the saturation by 10% instead.

■ 177.7410,
-40.7913, 16.8901

■ 177.7410,
-40.7913, 16.8901

255.0000, 0.0000,
0.0000

■ 150.6700,
-39.7703, 16.0754

■ 233.9970,
-42.3965, 18.4196

■ 124.0720,
-39.4755, 14.8459

■ 245.8800,
-34.9438, 7.9982

■ 98.2460, -40.0543,
13.8163

■ 249.0720,
-22.7135, 5.1989

■ 74.4460, -36.7019,
11.8869

■ 252.2640,
-10.4832, 2.3995

■ 53.1710, -26.2133,
7.7430

■ 33.3690, -16.4509,
3.1844

■ 12.0610, -5.9461,

-6.1925

■ 0.0000, 0.0000,
0.0000

■ 177.7410,
-40.7913, 16.8901

■ 177.7410,
-40.7913, 16.8901

■ 173.7000,
-48.6591, 20.4341

■ 181.7820,
-32.9235, 13.3462

■ 170.3600,
-56.3795, 23.3633

■ 185.1220,
-25.2031, 10.4170

■ 166.3190,
-64.2473, 26.9072

■ 189.1630,
-17.3354, 6.8730

■ 162.8650,
-72.4044, 29.9364

■ 192.6170, -9.1782,
3.8439

■ 159.8670,
-78.8144, 32.5656

■ 196.6580, -1.3104,
0.2999

■ 199.9980, 6.4100,
-2.6292

■ 204.0390, 14.2778,
-6.1732

■ 207.4930, 22.4350,
-9.2024

■ 209.4820, 22.4404,
-10.9467

Harmonies

Analogous

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



181.0960, -38.9943, 47.2738



177.7410, -40.7913, 16.8901



172.7840, -29.4735, -19.9816

Triad

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



177.7410, -40.7913, 16.8901



145.9510, 43.9012, -127.9990



187.2880, 13.6620, 51.4904

Complementary

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



177.7410, -40.7913, 16.8901



114.2590, 40.7913, -16.8901

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.



186.6390, 31.2370, 14.3486



177.7410, -40.7913, 16.8901



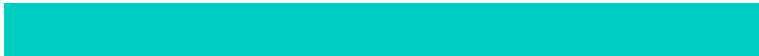
149.2160, 52.1515, -114.1994

Square

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



177.7410, -40.7913, 16.8901



142.4510, 25.4137, -124.9295



177.1550, 38.3776, -36.0929



182.0280, -5.4368, 63.9964

Rectangle

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



177.7410, -40.7913, 16.8901



167.5770, -15.5675, -46.9870



177.1550, 38.3776, -36.0929



187.5300, 19.9517, 40.7542

Sweetspot

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



177.7410, -40.7913, 16.8901



247.3910, -16.4618, 6.6731



127.0940, -8.9203, 61.3076



122.8020, -9.7624, 4.5586



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.



177.7410, -40.7913, 16.8901



225.2480, -63.2263, 26.0925



174.3090, -39.0993, -12.5490



97.3870, -3.6418, 1.4146



132.0910, -65.1209, 27.1072



28.9610, -14.2778, 6.1732

Inverse Universe

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



114.2590, 40.7913, -16.8901



126.7520, 63.2263, -26.0925



117.6910, 39.0993, 12.5490



91.6130, 3.6418, -1.4146



30.9090, 65.1209, -27.1072



7.0390, 14.2778, -6.1732

Previews

White Background



This preview shows how the YUV color 177.7410, -40.7913, 16.8901 looks on a white background.

Color Contrast Check

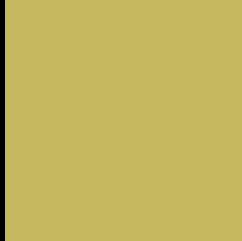
Large Text (above 18pt) WCAG AA × Fail

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 177.7410, -40.7913, 16.8901 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 177.7410, -40.7913, 16.8901 Background



This preview shows how black text looks on a background with the YUV color 177.7410, -40.7913, 16.8901.

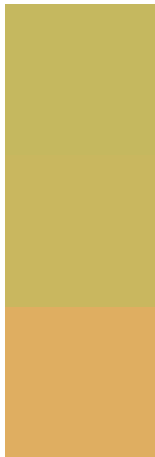


This preview shows how white text looks on a background with the YUV color 177.7410, -40.7913, 16.8901.

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

177.7410, -40.7913, 16.8901

Protanopia

178.3500, -41.0915, 19.8641

Deuteranopia

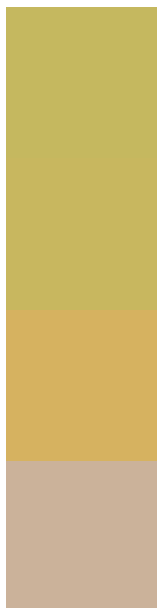
179.8730, -40.8564, 37.8224



Tritanopia

185.0500, 0.9614, 18.3732

Trichromacy



Original Color

177.7410, -40.7913, 16.8901

Protanomaly

178.0510, -40.9441, 19.2493

Deuteranomaly

179.4160, -41.1241, 30.3302

Tritanomaly

182.7390, -14.1683, 17.7689

Monochromacy



Original Color

177.7410, -40.7913, 16.8901

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.8470, -14.7146, 6.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7410, -40.7913, 16.8901 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(197, 184, 95)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 95)  
}
```

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(197, 184, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 95) }
```

Border

The CSS property to change the border of an element to YUV 177.7410, -40.7913, 16.8901 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(197, 184, 95) }
```


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

```
.border{ border-color:rgb(197, 184, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 95);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 177.7410, -40.7913, 16.8901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 95) }
```

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

```
.background{ background-color: rgb(197,  
184, 95) }
```

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