

Converting Colors

YUV(176.4950, -37.7120,
9.2129)

Have a look what the booklet for
YUV(176.4950, -37.7120, 9.2129)
contains.

YUV(176.4950, -37.7120, 9.2129)	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(176.4950, -37.7120,
9.2129)**

Conversions

Conversions Part 1	
Format	Color
Hex	BBBA64
RGB	187, 186, 100
RGB Percent	73%, 73%, 39%
CMY	0.2667, 0.2706, 0.6078
CMYK	0.00, 0.01, 0.47, 0.27
HSL	59°, 39%, 56%
HSV	59°, 47%, 73%
XYZ	40.3527, 46.6027, 18.9250
YIQ	176.4950, 28.2020, -26.5340

Conversions

Conversions Part 2

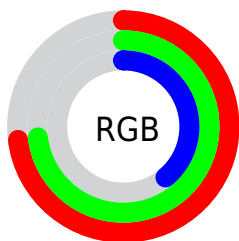
Format	Color
RYB	101, 187, 100
Decimal	12302948
CIELab	73.93, -11.86, 43.45
CIELCh	74, 45.035, 105.267
Yxy	46.6027, 0.3811, 0.4401
Android (android.graphics.Color)	4290493028 (0xFFBBBA64)
YUV	176.4950, -37.7120, 9.2129
Hunter-Lab	68.2662, -13.9531, 31.3497

Details

The YUV color **176.4950, -37.7120, 9.2129** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **110.5050, 37.7120, -9.2129**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.7510, -39.3172, 10.7424**, and **123.2390, -36.1068, 7.6834** is the 20% darker color. If you saturate the color by 10%, you get **174.3290, -46.0112, 11.1125**, and if you desaturate by 10%, it is **178.6610, -29.4129, 7.3133**.

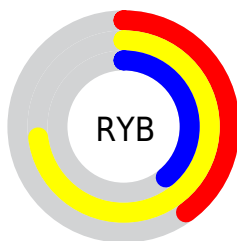
Distribution



Red (73%)

Green (73%)

Blue (39%)



Red (40%)

Yellow (73%)

Blue (39%)

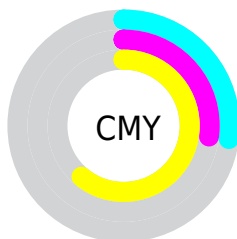


Cyan (0%)

Magenta (1%)

Yellow (47%)

Black (27%)



Cyan (27%)

Magenta (27%)


Yellow (61%)

Brightness & Saturation

Gradients

These gradients show how the YUV color 176.4950, -37.7120, 9.2129 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 176.4950, -37.7120, 9.2129 by changing the saturation by 10% instead.


 176.4950,
-37.7120, 9.2129

 176.4950,
-37.7120, 9.2129


255.0000, 0.0000,
0.0000

 149.4240,
-36.6910, 8.3982


 232.7510,
-39.3172, 10.7424


 123.2390,
-36.1068, 7.6834


 246.4500,
-32.7599, 7.4983


 97.5270, -36.2488,
6.5538

 249.6420,
-20.5295, 4.6990

 73.2280, -36.1014,
5.9390

 252.9480, -7.8624,
1.7996

 52.2520, -25.7602,
2.4100

 31.8630, -15.7085,
-1.6339

 11.7400, -5.7878,

-10.2960

0.0000, 0.0000,
0.0000

176.4950,
-37.7120, 9.2129

176.4950,
-37.7120, 9.2129

174.3290,
-46.0112, 11.1125

178.6610,
-29.4129, 7.3133

172.2770,
-53.8736, 12.9121

180.7130,
-21.5505, 5.5137

169.5240,
-61.8833, 15.3265


183.4660,
-13.5407, 3.0993

167.3580,
-70.1825, 17.2260


185.6320, -5.2416,
1.1997

165.1920,
-78.4817, 19.1256


187.6840, 2.6208,
-0.5999

 164.5080,
-81.1024, 19.7255

 189.8500, 10.9200,
-2.4994

 192.6030, 18.9297,
-4.9138

 194.7690, 27.2289,
-6.8134

 195.3390, 29.4129,
-7.3133

Harmonies

Analogous

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



179.7530, -38.8252, 39.6816



176.4950, -37.7120, 9.2129



171.1190, -24.2157, -26.4144

Triad

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



176.4950, -37.7120, 9.2129



144.6460, 46.5165, -126.8545



186.3440, 8.7044, 54.9493

Complementary

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



176.4950, -37.7120, 9.2129



110.5050, 37.7120, -9.2129

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.



186.7280, 26.2631, 23.0405



176.4950, -37.7120, 9.2129



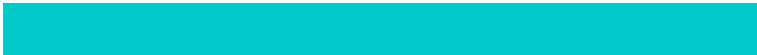
163.0030, 45.3545, -80.6866

Square

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



176.4950, -37.7120, 9.2129



142.1890, 29.4868, -124.6998



180.1890, 36.8818, -22.9678



182.1760, -9.9468, 63.8666

Rectangle

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



176.4950, -37.7120, 9.2129



165.7270, -9.7254, -54.1346



180.1890, 36.8818, -22.9678



186.5970, 14.9887, 45.9574

Sweetspot

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



176.4950, -37.7120, 9.2129



238.1240, -14.8511, 3.3993



126.1270, -12.3876, 53.3856



119.7200, -8.7360, 1.9996



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



176.4950, -37.7120, 9.2129



226.0230, -58.6783, 14.0118



164.5240, -31.8103, -17.1225



92.9740, -3.9312, 0.8998



138.8140, -68.4353, 16.8261



26.8790, -13.2513, 3.6141

Inverse Universe

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



110.5050, 37.7120, -9.2129



122.9770, 58.6783, -14.0118



122.4760, 31.8103, 17.1225



86.0260, 3.9312, -0.8998



19.1860, 68.4353, -16.8261



3.5340, 13.5407, -3.0993

Previews

White Background



This preview shows how the YUV color 176.4950, -37.7120, 9.2129 looks on a white background.

Color Contrast Check

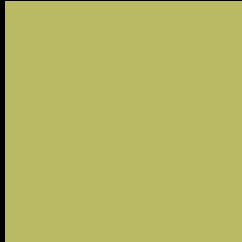
Large Text (above 18pt) WCAG AA × Fail

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 176.4950, -37.7120, 9.2129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

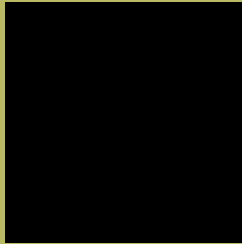
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.4950, -37.7120, 9.2129

Background



This preview shows how black text looks on a background with the YUV color 176.4950, -37.7120, 9.2129.



This preview shows how white text looks on a background with the YUV color 176.4950, -37.7120,

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

176.4950, -37.7120, 9.2129

Protanopia

177.9200, -38.9076, 19.3642

Deuteranopia

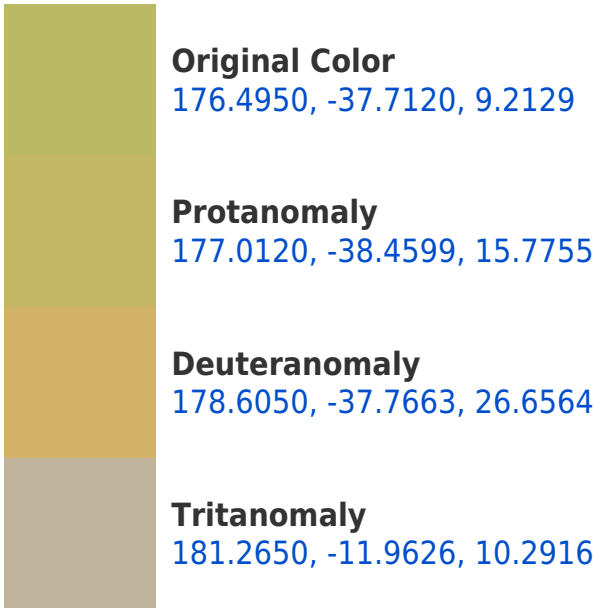
179.3720, -37.6514, 36.5078



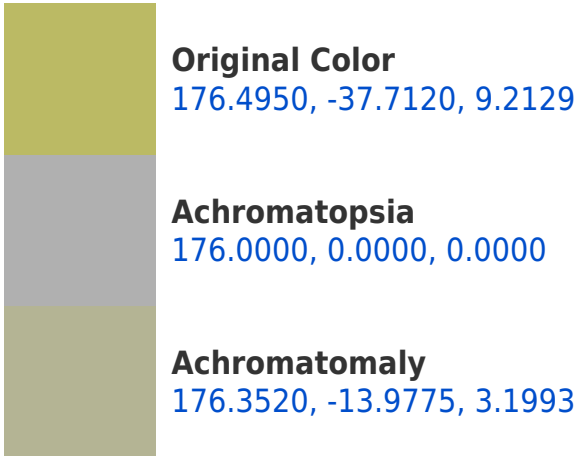
Tritanopia

183.8750, 3.0196, 11.5106

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to YUV 176.4950, -37.7120, 9.2129 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(187, 186, 100)` looks like.

```
.text, #text, p{  
    color:rgb(187, 186, 100)  
}
```

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(187, 186, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 186, 100) }
```

Border

The CSS property to change the border of an element to YUV 176.4950, -37.7120, 9.2129 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(187, 186, 100) }
```


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

```
.border{ border-color:rgb(187, 186, 100) }
```

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

Here you see how a box with a 4 pixel rgb(187, 186, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 186, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 186, 100);  
box-shadow:4px 4px 4px 4px rgb(187, 186,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 176.4950, -37.7120, 9.2129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 186, 100) }
```

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

```
.background{ background-color: rgb(187,  
186, 100) }
```

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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