

Converting Colors

YUV(173.1960, -37.5646,
8.5981)

Have a look what the booklet for
YUV(173.1960, -37.5646, 8.5981)
contains.

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Color

**YUV(173.1960, -37.5646,
8.5981)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B761
RGB	183, 183, 97
RGB Percent	72%, 72%, 38%
CMY	0.2824, 0.2824, 0.6196
CMYK	0.00, 0.00, 0.47, 0.28
HSL	60°, 37%, 55%
HSV	60°, 47%, 72%
XYZ	38.6196, 44.7973, 17.9205
YIQ	173.1960, 27.6060, -26.7460

Conversions

Conversions Part 2

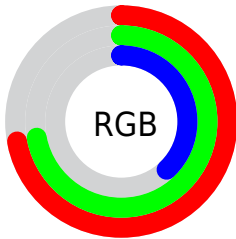
Format	Color
RYB	97, 183, 97
Decimal	12040033
CIELab	72.76, -12.25, 43.43
CIELCh	73, 45.121, 105.747
Yxy	44.7973, 0.3811, 0.4421
Android (android.graphics.Color)	4290230113 (0xFFB7B761)
YUV	173.1960, -37.5646, 8.5981
Hunter-Lab	66.9308, -14.1330, 30.9768

Details

The YUV color **173.1960, -37.5646, 8.5981** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **106.8040, 37.5646, -8.5981**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0390, -39.4592, 9.6128**, and **119.9400, -35.9594, 7.0686** is the 20% darker color. If you saturate the color by 10%, you get **171.1440, -45.4270, 10.3977**, and if you desaturate by 10%, it is **175.2480, -29.7023, 6.7985**.

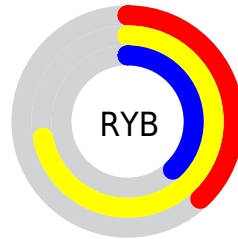
Distribution



Red (72%)

Green (72%)

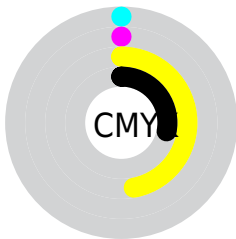
Blue (38%)



Red (38%)

Yellow (72%)

Blue (38%)

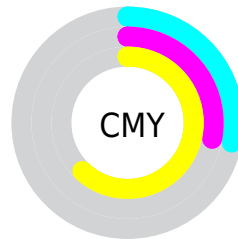


Cyan (0%)

Magenta (0%)

Yellow (47%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.1960, -37.5646, 8.5981 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 173.1960, -37.5646, 8.5981 by changing the saturation by 10% instead.

■ 173.1960,
-37.5646, 8.5981

■ 173.1960,
-37.5646, 8.5981

■ 255.0000, 0.0000,
0.0000

■ 146.1250,
-36.5436, 7.7834

■ 229.0390,
-39.4592, 9.6128

■ 119.9400,
-35.9594, 7.0686

■ 246.1080,
-34.0702, 7.7983

■ 94.5270, -36.2488,
6.5538

■ 249.3000,
-21.8399, 4.9989

■ 70.2710, -34.6436,
5.0243

■ 252.4920, -9.6096,
2.1995

■ 49.5940, -24.4498,
2.1101

■ 29.7920, -14.6875,
-2.4486

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 173.1960,
-37.5646, 8.5981

■ 173.1960,
-37.5646, 8.5981

■ 171.1440,
-45.4270, 10.3977

■ 175.2480,
-29.7023, 6.7985

■ 168.9780,
-53.7262, 12.2973

■ 177.4140,
-21.4031, 4.8989

■ 166.9260,
-61.5885, 14.0969

■ 179.4660,
-13.5407, 3.0993

■ 164.8740,
-69.4509, 15.8965

■ 181.5180, -5.6784,
1.2997

■ 162.7080,
-77.7500, 17.7961

■ 183.5700, 2.1840,
-0.4999

■ 162.1380,
-79.9340, 18.2960

■ 185.7360, 10.4832,
-2.3995

■ 187.7880, 18.3455,
-4.1991

■ 189.8400, 26.2079,
-5.9987

■ 191.2080, 31.4495,
-7.1984

Harmonies

Analogous

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



176.4540, -38.6778, 39.0668



173.1960, -37.5646, 8.5981



167.8200, -24.0683, -27.0291

Triad

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



173.1960, -37.5646, 8.5981



142.6570, 46.5111, -125.1102



183.2300, 8.2676, 55.0493

Complementary

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



173.1960, -37.5646, 8.5981



106.8040, 37.5646, -8.5981

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.



183.6140, 25.8263, 23.1405



173.1960, -37.5646, 8.5981



159.7580, 46.9543, -80.4718

Square

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



173.1960, -37.5646, 8.5981



140.2000, 29.4814, -122.9554



177.2430, 38.3342, -22.1381



179.9590, -10.8258, 65.8110

Rectangle

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



173.1960, -37.5646, 8.5981



161.8410, -9.2886, -54.2346



177.2430, 38.3342, -22.1381



183.7820, 14.4045, 46.6722

Sweetspot

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



173.1960, -37.5646, 8.5981



233.2380, -14.4143, 3.2993



122.7140, -12.6770, 52.8708



117.6060, -9.1728, 2.0995



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



173.1960, -37.5646, 8.5981



221.8380, -58.0941, 13.2971



160.3390, -31.2261, -17.8373



90.9740, -3.9312, 0.8998



138.2160, -68.1405, 15.5966



24.8080, -12.2303, 2.7994

Inverse Universe

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



106.8040, 37.5646, -8.5981



119.1620, 58.0941, -13.2971



119.6610, 31.2261, 17.8373



84.0260, 3.9312, -0.8998



17.7840, 68.1405, -15.5966



3.1920, 12.2303, -2.7994

Previews

White Background



This preview shows how the YUV color 173.1960, -37.5646, 8.5981 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 173.1960, -37.5646, 8.5981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

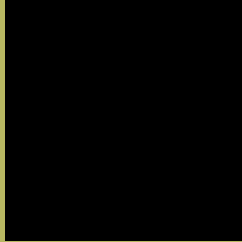
Any Text WCAG AA ✓ Pass

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 173.1960, -37.5646, 8.5981 Background



This preview shows how black text looks on a background with the YUV color 173.1960, -37.5646, 8.5981.



This preview shows how white text looks on a background with the YUV color 173.1960, -37.5646, 8.5981.

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

173.1960, -37.5646, 8.5981

Protanopia

174.8060, -39.3444, 19.4641

Deuteranopia

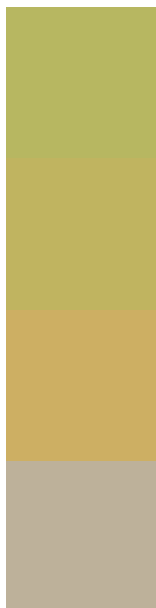
176.3720, -37.6514, 36.5078



Tritanopia

180.4620, 2.7302, 10.9958

Trichromacy



Original Color

173.1960, -37.5646, 8.5981

Protanomaly

174.0120, -38.4599, 15.7755

Deuteranomaly

175.3060, -37.6189, 26.0416

Tritanomaly

177.9660, -11.8152, 9.6768

Monochromacy



Original Color

173.1960, -37.5646, 8.5981

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.3520, -13.9775, 3.1993

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1960, -37.5646, 8.5981 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(183, 183, 97)` looks like.

```
.text, #text, p{  
    color:rgb(183, 183, 97)  
}
```

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(183, 183, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 183, 97) }
```

Border

The CSS property to change the border of an element to YUV 173.1960, -37.5646, 8.5981 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(183, 183, 97) }
```


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

```
.border{ border-color:rgb(183, 183, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 183, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 183, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 183, 97);  
box-shadow:4px 4px 4px 4px rgb(183, 183,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 173.1960, -37.5646, 8.5981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 183, 97) }
```

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

```
.background{ background-color: rgb(183,  
183, 97) }
```

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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