

Converting Colors

YUV(173.1870, -60.7312,
19.1300)

Have a look what the booklet for
YUV(173.1870, -60.7312, 19.1300)
contains.

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Color

**YUV(173.1870, -60.7312,
19.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BA32
RGB	195, 186, 50
RGB Percent	76%, 73%, 20%
CMY	0.2353, 0.2706, 0.8039
CMYK	0.00, 0.05, 0.74, 0.24
HSL	56°, 59%, 48%
HSV	56°, 74%, 76%
XYZ	40.6403, 46.9502, 9.9379
YIQ	173.1870, 49.0200, -40.3880

Conversions

Conversions Part 2

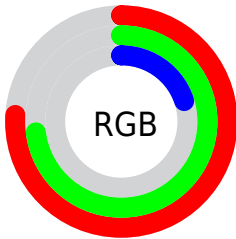
Format	Color
RYB	60, 195, 50
Decimal	12827186
CIELab	74.16, -11.93, 65.40
CIELCh	74, 66.475, 100.337
Yxy	46.9502, 0.4167, 0.4814
Android (android.graphics.Color)	4291017266 (0xFFC3BA32)
YUV	173.1870, -60.7312, 19.1300
Hunter-Lab	68.5202, -14.0395, 39.3649

Details

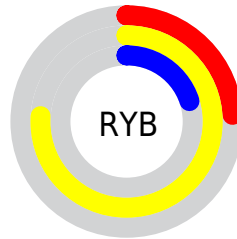
The YUV color **173.1870, -60.7312, 19.1300** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **71.8130, 60.7312, -19.1300**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3830, -61.3208, 21.5891**, and **119.3330, -58.8312, 16.3710** is the 20% darker color. If you saturate the color by 10%, you get **170.3200, -69.1778, 21.6444**, and if you desaturate by 10%, it is **175.9400, -52.7214, 16.7156**.

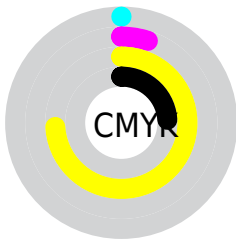
Distribution



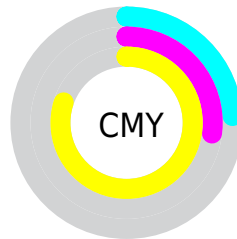
- Red (76%)
- Green (73%)
- Blue (20%)



- Red (24%)
- Yellow (76%)
- Blue (20%)



- Cyan (0%)
- Magenta (5%)
- Yellow (74%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.1870, -60.7312, 19.1300 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 173.1870, -60.7312, 19.1300 by changing the saturation by 10% instead.

■ 173.1870,
-60.7312, 19.1300

■ 173.1870,
-60.7312, 19.1300

■ 255.0000, 0.0000,
0.0000

■ 144.4490,
-64.8044, 18.9002

■ 230.3830,
-61.3208, 21.5891

■ 119.3330,
-58.8312, 16.3710

■ 241.2060,
-52.8526, 12.0973

■ 96.2860, -47.4690,
12.0272

■ 244.3980,
-40.6222, 9.2980

■ 74.1250, -36.5436,
7.7834

■ 247.5900,
-28.3919, 6.4986

■ 52.5510, -25.9076,
3.0248

■ 250.8960,
-15.7247, 3.5992

■ 32.7490, -16.1453,
-1.5339

■ 254.2020, -3.0576,

■ 11.7400, -5.7878,

0.6998

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 173.1870,
-60.7312, 19.1300

■ 173.1870,
-60.7312, 19.1300

■ 170.3200,
-69.1778, 21.6444

■ 175.9400,
-52.7214, 16.7156

■ 167.5670,
-77.1875, 24.0587

■ 178.8070,
-44.2749, 14.2013

■ 165.7260,
-81.7029, 25.6733

■ 182.2610,
-36.1177, 11.1721

■ 185.0140,
-28.1079, 8.7577

■ 187.7670,
-20.0981, 6.3433

■ 190.6340,
-11.6516, 3.8290

■ 193.3870, -3.6418,
1.4146

■ 196.8410, 4.5154,
-1.6146

■ 199.5940, 12.5252,
-4.0289

Harmonies

Analogous

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



178.0750, -57.2250, 61.3242



173.1870, -60.7312, 19.1300



165.7210, -40.7815, -33.0813

Triad

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



173.1870, -60.7312, 19.1300



151.7530, 50.9008, -133.0874



179.9660, 22.2018, 65.8048

Complementary

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



173.1870, -60.7312, 19.1300



71.8130, 60.7312, -19.1300

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.



184.9160, 34.5514, 24.6297



173.1870, -60.7312, 19.1300



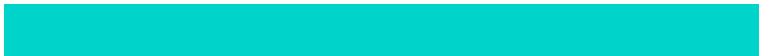
146.4700, 53.5053, -128.4542

Square

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



173.1870, -60.7312, 19.1300



147.4720, 26.8823, -129.3329



166.1030, 43.8262, -57.0953



168.9030, -2.4172, 75.5071

Rectangle

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



173.1870, -60.7312, 19.1300



153.0150, -16.7694, -81.5742



166.1030, 43.8262, -57.0953



186.2410, 28.4752, 60.3016

Sweetspot

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



173.1870, -60.7312, 19.1300



243.9690, -23.1557, 7.0432



94.4950, -17.0060, 88.1429



122.3630, -13.9830, 4.9436



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.



173.1870, -60.7312, 19.1300



218.8330, -94.0807, 29.0875



159.6330, -54.0491, -24.2341



95.2730, -4.0786, 1.5146



136.7760, -67.4306, 21.2444



28.0640, -13.8356, 4.3289

Inverse Universe

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



71.8130, 60.7312, -19.1300



61.7540, 93.7913, -29.6023



85.3670, 54.0491, 24.2341



88.7270, 4.0786, -1.5146



24.2240, 67.4306, -21.2444



4.9360, 13.8356, -4.3289

Previews

White Background



This preview shows how the YUV color 173.1870, -60.7312, 19.1300 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 173.1870, -60.7312, 19.1300 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 173.1870, -60.7312, 19.1300

Background



This preview shows how black text looks on a background with the YUV color 173.1870, -60.7312, 19.1300.



This preview shows how white text looks on a background with the YUV color 173.1870, -60.7312, 19.1300.

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

173.1870, -60.7312, 19.1300

Protanopia

174.3020, -61.7739, 26.9221

Deuteranopia

175.9930, -59.6495, 45.6101



Tritanopia

185.0500, 0.9614, 18.3732

Trichromacy



Original Color

173.1870, -60.7312, 19.1300

Protanomaly

173.6930, -61.4736, 23.9482

Deuteranomaly

175.1120, -60.2012, 35.8588

Tritanomaly

180.5020, -21.4465, 18.8537

Monochromacy



Original Color

173.1870, -60.7312, 19.1300

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1970, -22.2821, 6.8432

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1870, -60.7312, 19.1300 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(195, 186, 50)` looks like.

```
.text, #text, p{  
    color:rgb(195, 186, 50)  
}
```

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(195, 186, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 186, 50) }
```

Border

The CSS property to change the border of an element to YUV 173.1870, -60.7312, 19.1300 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(195, 186, 50) }
```


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

```
.border{ border-color:rgb(195, 186, 50) }
```

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

Here you see how a box with a 4 pixel rgb(195, 186, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 186, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 186, 50);  
box-shadow:4px 4px 4px 4px rgb(195, 186,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 173.1870, -60.7312, 19.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 186, 50) }
```

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

```
.background{ background-color: rgb(195,  
186, 50) }
```

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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