

Converting Colors

YUV(173.8130, -63.5048,
22.0890)

Have a look what the booklet for
YUV(173.8130, -63.5048, 22.0890)
contains.

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Color

**YUV(173.8130, -63.5048,
22.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BA2D
RGB	199, 186, 45
RGB Percent	78%, 73%, 18%
CMY	0.2196, 0.2706, 0.8235
CMYK	0.00, 0.07, 0.77, 0.22
HSL	55°, 63%, 48%
HSV	55°, 77%, 78%
XYZ	41.5857, 47.4494, 9.4495
YIQ	173.8130, 53.0090, -41.0950

Conversions

Conversions Part 2

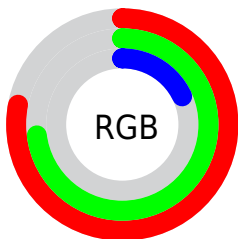
Format	Color
RYB	59, 199, 45
Decimal	13089325
CIELab	74.48, -10.40, 67.45
CIELCh	74, 68.243, 98.768
Yxy	47.4494, 0.4223, 0.4818
Android (android.graphics.Color)	4291279405 (0xFFC7BA2D)
YUV	173.8130, -63.5048, 22.0890
Hunter-Lab	68.8835, -12.7837, 40.0850

Details

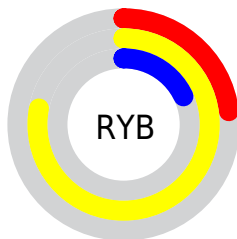
The YUV color **173.8130, -63.5048, 22.0890** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **70.1870, 63.5048, -22.0890**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.0410, -62.6312, 21.8890**, and **120.2300, -59.2734, 18.2153** is the 20% darker color. If you saturate the color by 10%, you get **170.3590, -71.6620, 25.1182**, and if you desaturate by 10%, it is **177.2670, -55.3476, 19.0598**.

Distribution



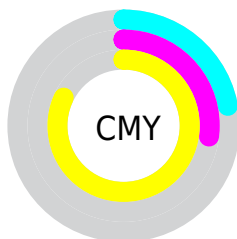
- Red (78%)
- Green (73%)
- Blue (18%)



- Red (23%)
- Yellow (78%)
- Blue (18%)



- Cyan (0%)
- Magenta (7%)
- Yellow (77%)
- Black (22%)



- Cyan (22%)
- Magenta (27%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8130, -63.5048, 22.0890 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 173.8130, -63.5048, 22.0890 by changing the saturation by 10% instead.

■ 173.8130,
-63.5048, 22.0890

■ 173.8130,
-63.5048, 22.0890

■ 255.0000, 0.0000,
0.0000

■ 144.2770,
-70.6356, 22.5591

■ 230.0410,
-62.6312, 21.8890

■ 120.2300,
-59.2734, 18.2153

■ 240.7500,
-54.5998, 12.4972

■ 97.1830, -47.9112,
13.8715

■ 243.9420,
-42.3694, 9.6979

■ 75.0220, -36.9858,
9.6277

■ 247.2480,
-29.7023, 6.7985

■ 53.4480, -26.3499,
4.8691

■ 250.4400,
-17.4719, 3.9991

■ 33.6460, -16.5875,
0.3105

■ 253.8600, -4.3680,

■ 11.7400, -5.7878,

0.9998

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 173.8130,
-63.5048, 22.0890

■ 173.8130,
-63.5048, 22.0890

■ 170.3590,
-71.6620, 25.1182

■ 177.2670,
-55.3476, 19.0598

■ 167.4920,
-80.1086, 27.6325

■ 180.1340,
-46.9011, 16.5455

■ 166.3350,
-82.0032, 28.6472

■ 183.5880,
-38.7439, 13.5163

■ 187.0420,
-30.5867, 10.4872

■ 189.9090,
-22.1401, 7.9728

■ 193.2490,
-14.4198, 5.0436

■ 196.7030, -6.2626,
2.0145

■ 199.5700, 2.1840,
-0.4999

■ 203.0240, 10.3412,
-3.5290

Harmonies

Analogous

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



178.5700, -57.9620, 64.3981



173.8130, -63.5048, 22.0890



166.6350, -43.6971, -31.2519

Triad

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



173.8130, -63.5048, 22.0890



152.9270, 50.3220, -134.1170



180.5360, 24.3858, 65.3049

Complementary

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



173.8130, -63.5048, 22.0890



70.1870, 63.5048, -22.0890

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.



185.1930, 34.4149, 21.7557



173.8130, -63.5048, 22.0890



147.6440, 52.9265, -129.4838

Square

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



173.8130, -63.5048, 22.0890



147.8310, 25.7193, -129.6478



163.0910, 45.3111, -66.7318



168.0710, -0.5280, 76.2367

Rectangle

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



173.8130, -63.5048, 22.0890



154.0430, -19.2482, -79.8447



163.0910, 45.3111, -66.7318



187.3980, 30.3698, 59.2870

Sweetspot

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



173.8130, -63.5048, 22.0890



245.3390, -24.3241, 8.4727



92.7560, -16.1487, 93.1760



121.5480, -14.5672, 5.6584



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.



173.8130, -63.5048, 22.0890



216.2420, -97.7333, 33.9908



162.9060, -58.1277, -22.7196



97.9740, -3.9312, 0.8998



136.2000, -67.1466, 23.5036



30.1350, -14.8566, 5.1436

Inverse Universe

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



70.1870, 63.5048, -22.0890



56.7580, 97.7333, -33.9908



81.0940, 58.1277, 22.7196



91.0260, 3.9312, -0.8998



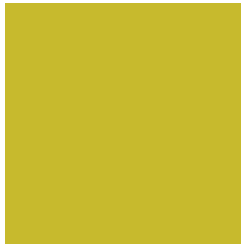
26.8000, 67.1466, -23.5036



5.8650, 14.8566, -5.1436

Previews

White Background



This preview shows how the YUV color 173.8130, -63.5048, 22.0890 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 173.8130, -63.5048, 22.0890 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 173.8130, -63.5048, 22.0890

Background



This preview shows how black text looks on a background with the YUV color 173.8130, -63.5048, 22.0890.



This preview shows how white text looks on a background with the YUV color 173.8130, -63.5048,

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

173.8130, -63.5048, 22.0890

Protanopia

174.6180, -64.3947, 27.5220

Deuteranopia

176.7220, -61.9809, 46.7248



Tritanopia

185.6590, 0.6611, 21.3471

Trichromacy



Original Color

173.8130, -63.5048, 22.0890

Protanomaly

174.3080, -64.2418, 25.1629

Deuteranomaly

175.5530, -62.3906, 38.1030

Tritanomaly

181.4700, -22.9097, 21.5128

Monochromacy



Original Color

173.8130, -63.5048, 22.0890

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.6810, -23.0137, 8.1728

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8130, -63.5048, 22.0890 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(199, 186, 45)` looks like.

```
.text, #text, p{  
    color:rgb(199, 186, 45)  
}
```

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(199, 186, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 186, 45) }
```

Border

The CSS property to change the border of an element to YUV 173.8130, -63.5048, 22.0890 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(199, 186, 45) }
```


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

```
.border{ border-color:rgb(199, 186, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 186, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 186, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 186, 45);  
box-shadow:4px 4px 4px 4px rgb(199, 186,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 173.8130, -63.5048, 22.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 186, 45) }
```

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

```
.background{ background-color: rgb(199,  
186, 45) }
```

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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