

Converting Colors

YUV(171.2710, -68.1676,
24.3183)

Have a look what the booklet for
YUV(171.2710, -68.1676, 24.3183)
contains.

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Color

**YUV(171.2710, -68.1676,
24.3183)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B821
RGB	199, 184, 33
RGB Percent	78%, 72%, 13%
CMY	0.2196, 0.2784, 0.8706
CMYK	0.00, 0.08, 0.83, 0.22
HSL	55°, 72%, 45%
HSV	55°, 83%, 78%
XYZ	40.9682, 46.5329, 8.2613
YIQ	171.2710, 57.4110, -43.7810

Conversions

Conversions Part 2

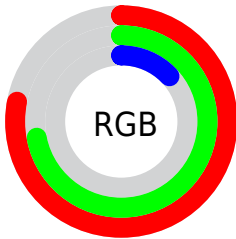
Format	Color
R _Y B	49, 199, 33
Decimal	13088801
CIE Lab	73.89, -9.76, 70.31
CIE LCh	74, 70.988, 97.905
Yxy	46.5329, 0.4278, 0.4859
Android (android.graphics.Color)	4291278881 (0xFFC7B821)
YUV	171.2710, -68.1676, 24.3183
Hunter-Lab	68.2150, -12.1738, 40.5701

Details

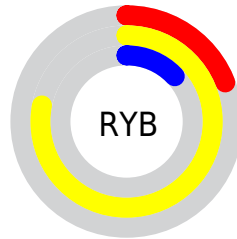
The YUV color **171.2710, -68.1676, 24.3183** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **60.7290, 68.1676, -24.3183**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8410, -65.9836, 23.8184**, and **119.0560, -58.6946, 19.2449** is the 20% darker color. If you saturate the color by 10%, you get **167.8170, -76.3248, 27.3475**, and if you desaturate by 10%, it is **174.7250, -60.0104, 21.2892**.

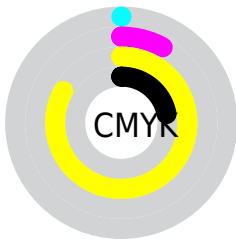
Distribution



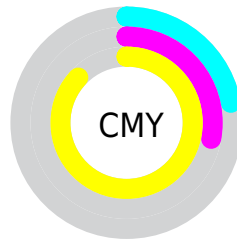
- Red (78%)
- Green (72%)
- Blue (13%)



- Red (19%)
- Yellow (78%)
- Blue (13%)



- Cyan (0%)
- Magenta (8%)
- Yellow (83%)
- Black (22%)



- Cyan (22%)
- Magenta (28%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.2710, -68.1676, 24.3183 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 171.2710, -68.1676, 24.3183 by changing the saturation by 10% instead.

■ 171.2710,
-68.1676, 24.3183

■ 171.2710,
-68.1676, 24.3183

■ 255.0000, 0.0000,
0.0000

■ 142.9890,
-70.4936, 23.6886

■ 227.8410,
-65.9836, 23.8184

■ 119.0560,
-58.6946, 19.2449

■ 239.8380,
-58.0941, 13.2971

■ 96.0090, -47.3324,
14.9011

■ 243.0300,
-45.8638, 10.4977

■ 74.1360, -36.5490,
9.5277

■ 246.3360,
-33.1966, 7.5983

■ 52.5620, -25.9131,
4.7691

■ 249.5280,
-20.9663, 4.7989

■ 32.1730, -15.8613,
0.7253

■ 252.9480, -7.8624,

■ 11.1530, -5.4984,

1.7996

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 171.2710,
-68.1676, 24.3183

■ 171.2710,
-68.1676, 24.3183

■ 167.8170,
-76.3248, 27.3475

■ 174.7250,
-60.0104, 21.2892

■ 165.7480,
-81.7138, 29.1620

■ 178.1790,
-51.8532, 18.2600

■ 181.0460,
-43.4067, 15.7457

■ 184.5000,
-35.2495, 12.7165

■ 187.9540,
-27.0923, 9.6873

■ 191.2940,
-19.3719, 6.7582

■ 194.7480,
-11.2148, 3.7290

■ 197.6150, -2.7682,
1.2146

■ 201.0690, 5.3890,
-1.8145

Harmonies

Analogous

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



176.0220, -60.1568, 68.3867



171.2710, -68.1676, 24.3183



163.9510, -46.3178, -30.6520

Triad

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



171.2710, -68.1676, 24.3183



152.9270, 50.3220, -134.1170



178.4160, 26.4169, 67.1642

Complementary

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



171.2710, -68.1676, 24.3183



60.7290, 68.1676, -24.3183

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.



183.1220, 35.4359, 20.9410



171.2710, -68.1676, 24.3183



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.



171.2710, -68.1676, 24.3183



147.6030, 24.8457, -129.4478



155.9260, 48.8435, -79.7421



165.1360, 0.9190, 78.8107

Rectangle

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



171.2710, -68.1676, 24.3183



150.6790, -20.5477, -83.0335



155.9260, 48.8435, -79.7421



185.9790, 32.5484, 60.5314

Sweetspot

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



171.2710, -68.1676, 24.3183



244.1820, -26.2187, 9.4874



84.5720, -17.0440, 100.3534



121.2060, -15.8776, 5.9583



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.



171.2710, -68.1676, 24.3183



212.4290, -104.7275, 37.3348



160.3420, -62.7796, -23.9789



97.9740, -3.9312, 0.8998



135.6130, -66.8572, 24.0184



29.5480, -14.5672, 5.6584

Inverse Universe

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



60.7290, 68.1676, -24.3183



42.5710, 104.7275, -37.3348



71.6580, 62.7796, 23.9789



91.0260, 3.9312, -0.8998



27.3870, 66.8572, -24.0184



5.8650, 14.8566, -5.1436

Previews

White Background



This preview shows how the YUV color 171.2710, -68.1676, 24.3183 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 171.2710, -68.1676, 24.3183 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 171.2710, -68.1676, 24.3183

Background



This preview shows how black text looks on a background with the YUV color 171.2710, -68.1676, 24.3183.



This preview shows how white text looks on a background with the YUV color 171.2710, -68.1676, 24.3183.

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

171.2710, -68.1676, 24.3183

Protanopia

171.7770, -68.9101, 29.1366

Deuteranopia

173.9950, -66.0595, 48.2394



Tritanopia

184.2570, 0.3663, 22.5766

Trichromacy



Original Color

171.2710, -68.1676, 24.3183

Protanomaly

171.7660, -68.9046, 27.3922

Deuteranomaly

172.7120, -66.9060, 39.7176

Tritanomaly

179.7260, -24.5149, 23.0423

Monochromacy



Original Color

171.2710, -68.1676, 24.3183

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2250, -24.7609, 8.5727

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2710, -68.1676, 24.3183 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, 184, 33)` looks like.

```
.text, #text, p{  
    color:rgb(199, 184, 33)  
}
```

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, 184, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 184, 33) }
```

Border

The CSS property to change the border of an element to YUV 171.2710, -68.1676, 24.3183 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, 184, 33) }
```


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

```
.border{ border-color:rgb(199, 184, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 184, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 184, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 184, 33);  
box-shadow:4px 4px 4px 4px rgb(199, 184,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 171.2710, -68.1676, 24.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 184, 33) }
```

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

```
.background{ background-color: rgb(199,  
184, 33) }
```

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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