

Converting Colors

YUV(172.8090, -70.8978,
13.3225)

Have a look what the booklet for
YUV(172.8090, -70.8978, 13.3225)
contains.

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Color

**YUV(172.8090, -70.8978,
13.3225)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC11D
RGB	188, 193, 29
RGB Percent	74%, 76%, 11%
CMY	0.2627, 0.2431, 0.8863
CMYK	0.03, 0.00, 0.85, 0.24
HSL	62°, 74%, 44%
HSV	62°, 85%, 76%
XYZ	40.0308, 48.9200, 8.4951
YIQ	172.8090, 49.6640, -52.0640

Conversions

Conversions Part 2

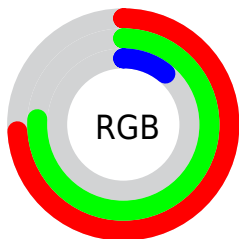
Format	Color
R _Y B	29, 193, 34
Decimal	12370205
CIE Lab	75.40, -19.18, 72.13
CIE LCh	75, 74.635, 104.892
Yxy	48.9200, 0.4108, 0.5020
Android (android.graphics.Color)	4290560285 (0xFFBCC11D)
YUV	172.8090, -70.8978, 13.3225
Hunter-Lab	69.9428, -20.2381, 41.7588

Details

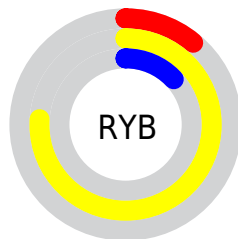
The YUV color **172.8090, -70.8978, 13.3225** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed chartreuse. A complement of this color would be **49.1910, 70.8978, -13.3225**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9170, -67.9931, 14.9818**, and **121.0500, -59.6776, 7.8492** is the 20% darker color. If you saturate the color by 10%, you get **170.3440, -79.0496, 14.6073**, and if you desaturate by 10%, it is **175.2740, -62.7461, 12.0377**.

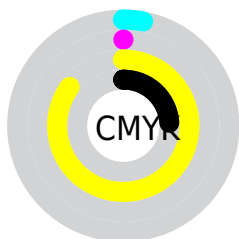
Distribution



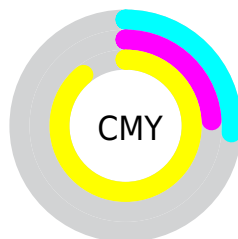
- Red (74%)
- Green (76%)
- Blue (11%)



- Red (11%)
- Yellow (76%)
- Blue (13%)



- Cyan (3%)
- Magenta (0%)
- Yellow (85%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.8090, -70.8978, 13.3225 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 172.8090, -70.8978, 13.3225 by changing the saturation by 10% instead.

■ 172.8090,
-70.8978, 13.3225

■ 172.8090,
-70.8978, 13.3225

■ 255.0000, 0.0000,
0.0000

■ 144.9830,
-71.4766, 12.2929

■ 230.9170,
-67.9931, 14.9818

■ 121.0500,
-59.6776, 7.8492

■ 239.7240,
-58.5309, 13.3971

■ 97.7150, -48.1735,
4.6349

■ 242.9160,
-46.3006, 10.5977

■ 75.2550, -37.1007,
-0.2236

■ 246.2220,
-33.6334, 7.6983

■ 53.6810, -26.4647,
-4.9822

■ 249.5280,
-20.9663, 4.7989

■ 32.4060, -15.9762,
-9.1261

■ 252.8340, -8.2992,

■ 15.2620, -7.5242,

1.8996

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 172.8090,
-70.8978, 13.3225

■ 172.8090,
-70.8978, 13.3225

■ 170.3440,
-79.0496, 14.6073

■ 175.2740,
-62.7461, 12.0377

■ 169.2040,
-83.4176, 15.6071

■ 177.5540,
-54.0101, 10.0381

■ 180.0190,
-45.8584, 8.7533

■ 182.1850,
-37.5592, 6.8538

■ 184.7640,
-28.9707, 5.4690

■ 187.2290,
-20.8189, 4.1842

■ 189.3950,
-12.5197, 2.2846

■ 191.8600, -4.3680,
0.9998

■ 194.1400, 4.3680,
-0.9998

Harmonies

Analogous

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



178.6870, -68.8657, 61.6645



172.8090, -70.8978, 13.3225



163.6220, -40.7326, -48.7805

Triad

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



172.8090, -70.8978, 13.3225



155.2750, 49.1644, -136.1762



175.0420, 23.6433, 70.1232

Complementary

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



172.8090, -70.8978, 13.3225



49.1910, 70.8978, -13.3225

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.



187.9610, 33.0502, 39.4992



172.8090, -70.8978, 13.3225



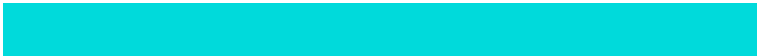
148.2310, 52.6371, -129.9986

Square

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



172.8090, -70.8978, 13.3225



152.9320, 32.5715, -134.1214



169.3920, 42.2047, -50.3328



164.2410, -5.0488, 79.5956

Rectangle

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



172.8090, -70.8978, 13.3225



139.7540, -7.7667, -122.5643



169.3920, 42.2047, -50.3328



181.6590, 31.2271, 64.3201

Sweetspot

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



172.8090, -70.8978, 13.3225



242.2200, -27.2235, 5.0691



79.7970, -25.0429, 99.2790



120.3690, -16.4509, 3.1844



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



172.8090, -70.8978, 13.3225



219.1080, -108.0202, 20.0763



148.8890, -59.1053, -35.8597



95.8600, -4.3680, 0.9998



141.1510, -69.5874, 13.0226



28.9390, -14.2669, 2.6845

Inverse Universe

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



49.1910, 70.8978, -13.3225



30.8920, 108.0202, -20.0763



73.1110, 59.1053, 35.8597



88.4390, 4.2206, -0.3850



19.8490, 69.5874, -13.0226



4.0610, 14.2669, -2.6845

Previews

White Background



This preview shows how the YUV color 172.8090, -70.8978, 13.3225 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 172.8090, -70.8978, 13.3225 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 172.8090, -70.8978, 13.3225

Background



This preview shows how black text looks on a background with the YUV color 172.8090, -70.8978, 13.3225.



This preview shows how white text looks on a background with the YUV color 172.8090, -70.8978,

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

172.8090, -70.8978, 13.3225

Protanopia

174.7510, -72.8412, 30.0364

Deuteranopia

177.9520, -67.5173, 49.1541



Tritanopia

187.8750, 3.0196, 11.5106

Trichromacy



Original Color

172.8090, -70.8978, 13.3225

Protanomaly

174.2340, -72.0934, 23.4738

Deuteranomaly

175.9350, -68.4950, 36.0140

Tritanomaly

182.4750, -23.8982, 11.8614

Monochromacy



Original Color

172.8090, -70.8978, 13.3225

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.6760, -25.4763, 4.6691

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8090, -70.8978, 13.3225 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(188, 193, 29)` looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 29)  
}
```

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(188, 193, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 29) }
```

Border

The CSS property to change the border of an element to YUV 172.8090, -70.8978, 13.3225 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(188, 193, 29) }
```


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

```
.border{ border-color:rgb(188, 193, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 193, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 29);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 172.8090, -70.8978, 13.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 29) }
```

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

```
.background{ background-color: rgb(188,  
193, 29) }
```

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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