

Converting Colors

YUV(173.8830, -29.5223,
-4.2824)

Have a look what the booklet for
YUV(173.8830, -29.5223, -4.2824)
contains.

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Color

**YUV(173.8830, -29.5223,
-4.2824)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BC72
RGB	169, 188, 114
RGB Percent	66%, 74%, 45%
CMY	0.3373, 0.2627, 0.5529
CMYK	0.10, 0.00, 0.39, 0.26
HSL	75°, 36%, 59%
HSV	75°, 39%, 74%
XYZ	37.3827, 45.6164, 22.7542
YIQ	173.8830, 12.4300, -27.0420

Conversions

Conversions Part 2

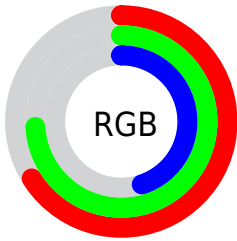
Format	Color
RYB	114, 188, 133
Decimal	11123826
CIELab	73.30, -18.56, 35.27
CIELCh	73, 39.858, 117.751
Yxy	45.6164, 0.3535, 0.4313
Android (android.graphics.Color)	4289313906 (0xFFA9BC72)
YUV	173.8830, -29.5223, -4.2824
Hunter-Lab	67.5399, -19.3968, 27.3032

Details

The YUV color **173.8830, -29.5223, -4.2824** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **128.1170, 29.5223, 4.2824**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5410, -30.8327, -3.9825**, and **121.2250, -28.2119, -4.5823** is the 20% darker color. If you saturate the color by 10%, you get **170.2220, -37.0844, -5.4567**, and if you desaturate by 10%, it is **177.5440, -21.9602, -3.1081**.

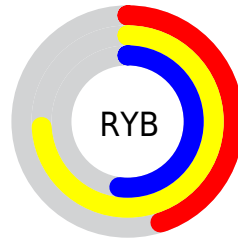
Distribution



Red (66%)

Green (74%)

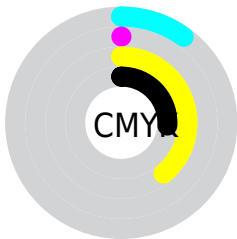
Blue (45%)



Red (45%)

Yellow (74%)

Blue (52%)

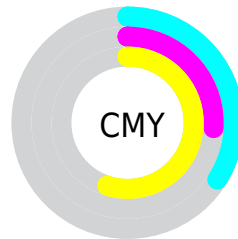


Cyan (10%)

Magenta (0%)

Yellow (39%)

Black (26%)



Cyan (34%)

Magenta (26%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8830, -29.5223, -4.2824 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 173.8830, -29.5223, -4.2824 by changing the saturation by 10% instead.

■ 173.8830,
-29.5223, -4.2824

■ 173.8830,
-29.5223, -4.2824

■ 255.0000, 0.0000,
0.0000

■ 147.1110,
-28.6487, -4.4823

■ 229.5410,
-30.8327, -3.9825

■ 121.2250,
-28.2119, -4.5823

■ 247.7470,
-26.4973, 5.4839

■ 95.4530, -27.3383,
-4.7823

■ 251.3520,
-13.9775, 3.1993

■ 71.1540, -27.1909,
-5.3971

■ 254.5440, -1.7472,
0.3999

■ 48.9520, -24.1333,
-6.0969

■ 28.8620, -14.2290,
-9.5260

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 173.8830,
-29.5223, -4.2824

■ 173.8830,
-29.5223, -4.2824

■ 170.2220,
-37.0844, -5.4567

■ 177.5440,
-21.9602, -3.1081

■ 166.5610,
-44.6466, -6.6310

■ 181.2050,
-14.3981, -1.9338

■ 163.3130,
-51.9193, -7.2905

■ 184.4530, -7.1253,
-1.2743

■ 159.6520,
-59.4814, -8.4648

■ 188.1140, 0.4368,
-0.1000

■ 155.9910,
-67.0436, -9.6391

■ 191.7750, 7.9989,
1.0743

■ 152.3300,
-74.6057, -10.8134

■ 195.4360, 15.5611,
2.2486

■ 152.2160,
-75.0425, -10.7134

■ 199.0970, 23.1232,
3.4229

■ 201.6180, 26.3173,
5.5970

■ 202.8140, 25.7277,
8.0561

Harmonies

Analogous

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



177.5770, -35.2875, 24.9270



173.8830, -29.5223, -4.2824



168.6860, -14.1422, -37.4356

Triad

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



173.8830, -29.5223, -4.2824



157.1990, 41.3139, -91.3825



184.0530, -0.0261, 55.2045

Complementary

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



173.8830, -29.5223, -4.2824



128.1170, 29.5223, 4.2824

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.



184.9760, 16.7738, 33.3470



173.8830, -29.5223, -4.2824



173.2140, 38.8415, -44.9147

Square

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



173.8830, -29.5223, -4.2824



144.3840, 33.8277, -116.9778



182.7140, 30.7070, -2.3802



182.0200, -16.7719, 59.6185

Rectangle

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



173.8830, -29.5223, -4.2824



163.2020, -0.0996, -61.5672



182.7140, 30.7070, -2.3802



184.6270, 6.0999, 50.3161

Sweetspot

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



173.8830, -29.5223, -4.2824



239.1880, -11.9247, -1.9189



147.2790, -16.4065, 35.7123



118.8660, -6.8359, -0.7595



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



173.8830, -29.5223, -4.2824



222.9200, -45.8096, -6.9458



163.1190, -24.2157, -26.4144



92.3760, -3.6364, -0.3298



128.0280, -63.1178, -8.7946



25.0740, -12.3615, -1.8189

Inverse Universe

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



128.1170, 29.5223, 4.2824



151.7810, 45.9570, 6.3311



139.1800, 24.0683, 27.0291



86.6240, 3.6364, 0.3298



30.2710, 62.9704, 9.4093



5.9260, 12.3615, 1.8189

Previews

White Background



This preview shows how the YUV color 173.8830, -29.5223, -4.2824 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 173.8830, -29.5223, -4.2824 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 173.8830, -29.5223, -4.2824 Background



This preview shows how black text looks on a background with the YUV color 173.8830, -29.5223, -4.2824.



This preview shows how white text looks on a background with the YUV color 173.8830, -29.5223, -4.2824.

-4.2824.

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

173.8830, -29.5223, -4.2824

Protanopia

176.9180, -32.4976, 16.7349

Deuteranopia

179.0000, -30.0730, 32.4490



Tritanopia

180.5960, 6.1152, -1.3997

Trichromacy



Original Color

173.8830, -29.5223, -4.2824

Protanomaly

175.8030, -31.4549, 8.9428

Deuteranomaly

177.3250, -29.7402, 19.0090

Tritanomaly

177.8550, -6.8305, -2.5038

Monochromacy



Original Color

173.8830, -29.5223, -4.2824

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8290, -10.7617, -1.6040

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8830, -29.5223, -4.2824 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(169, 188, 114)` looks like.

```
.text, #text, p{  
    color:rgb(169, 188, 114)  
}
```

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(169, 188, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 188, 114) }
```

Border

The CSS property to change the border of an element to YUV 173.8830, -29.5223, -4.2824 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(169, 188, 114) }
```


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

```
.border{ border-color:rgb(169, 188, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 188, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 188, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 188, 114);  
box-shadow:4px 4px 4px 4px rgb(169, 188,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 173.8830, -29.5223, -4.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 188, 114) }
```

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

```
.background{ background-color: rgb(169,  
188, 114) }
```

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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