

Converting Colors

YUV(176.3070, -29.2384,
-2.0232)

Have a look what the booklet for
YUV(176.3070, -29.2384, -2.0232)
contains.

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Color

**YUV(176.3070, -29.2384,
-2.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	AEBD75
RGB	174, 189, 117
RGB Percent	68%, 74%, 46%
CMY	0.3176, 0.2588, 0.5412
CMYK	0.08, 0.00, 0.38, 0.26
HSL	73°, 35%, 60%
HSV	73°, 38%, 74%
XYZ	38.8640, 46.6782, 23.7911
YIQ	176.3070, 14.1720, -25.5720

Conversions

Conversions Part 2

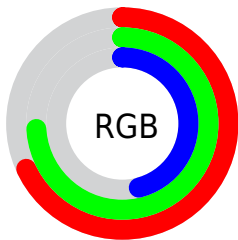
Format	Color
RYB	117, 189, 132
Decimal	11451765
CIELab	73.98, -16.75, 34.68
CIELCh	74, 38.514, 115.774
Yxy	46.6782, 0.3555, 0.4269
Android (android.graphics.Color)	4289641845 (0xFFFAEBD75)
YUV	176.3070, -29.2384, -2.0232
Hunter-Lab	68.3215, -18.0245, 27.1789

Details

The YUV color $176.3070, -29.2384, -2.0232$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $129.6930, 29.2384, 2.0232$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.9650, -30.5487, -1.7233$, and $123.3500, -27.7805, -2.9379$ is the 20% darker color. If you saturate the color by 10%, you get $172.9450, -36.9479, -2.5828$, and if you desaturate by 10%, it is $179.6690, -21.5288, -1.4637$.

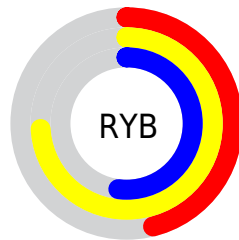
Distribution



Red (68%)

Green (74%)

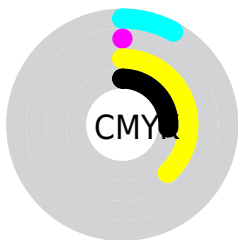
Blue (46%)



Red (46%)

Yellow (74%)

Blue (52%)

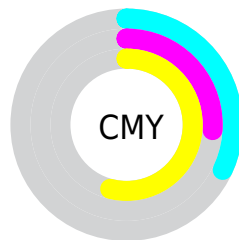


Cyan (8%)

Magenta (0%)

Yellow (38%)

Black (26%)



Cyan (32%)

Magenta (26%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.3070, -29.2384, -2.0232 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 176.3070, -29.2384, -2.0232 by changing the saturation by 10% instead.

■ 176.3070,
-29.2384, -2.0232

■ 176.3070,
-29.2384, -2.0232

255.0000, 0.0000,
0.0000

■ 149.5350,
-28.3648, -2.2232

■ 231.9650,
-30.5487, -1.7233

■ 123.3500,
-27.7805, -2.9379

■ 248.5020,
-24.8975, 5.6987

■ 97.8770, -27.0544,
-2.5231

■ 251.6940,
-12.6671, 2.8994

■ 73.5780, -26.9070,
-3.1379

■ 50.7350, -25.0124,
-4.1526

■ 30.9440, -15.2554,
-6.9669

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 176.3070,
-29.2384, -2.0232

■ 176.3070,
-29.2384, -2.0232

■ 172.9450,
-36.9479, -2.5828

■ 179.6690,
-21.5288, -1.4637

■ 169.5830,
-44.6574, -3.1423

■ 183.0310,
-13.8193, -0.9042

■ 166.2210,
-52.3670, -3.7018

■ 186.3930, -6.1097,
-0.3447

■ 162.8590,
-60.0765, -4.2613

■ 189.7550, 1.5998,
0.2149

■ 159.4970,
-67.7860, -4.8209

■ 193.1170, 9.3093,
0.7744

■ 156.2490,
-75.0588, -5.4804

■ 196.3650, 16.5821,
1.4339

■ 155.7930,
-76.8059, -5.0805

■ 199.7270, 24.2916,
1.9934

■ 201.6070, 26.3227,
3.8527

■ 202.5040, 25.8805,
5.6970

Harmonies

Analogous

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



179.9300, -33.9825, 26.3714



176.3070, -29.2384, -2.0232



171.4800, -15.0266, -33.7470

Triad

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



176.3070, -29.2384, -2.0232



160.8360, 38.5349, -86.6792



185.9710, 1.0003, 52.6454

Complementary

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



176.3070, -29.2384, -2.0232



129.6930, 29.2384, 2.0232

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.



186.7800, 17.3635, 30.8879



176.3070, -29.2384, -2.0232



175.2740, 37.8259, -45.8443

Square

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



176.3070, -29.2384, -2.0232



154.0120, 28.0951, -98.2345



184.1760, 29.9862, -4.5394



184.0630, -15.3141, 58.7037

Rectangle

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



176.3070, -29.2384, -2.0232



166.4800, -1.7156, -56.5490



184.1760, 29.9862, -4.5394



186.1320, 6.8369, 47.2422

Sweetspot

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



176.3070, -29.2384, -2.0232



240.1280, -10.9091, -0.9893



146.7460, -14.6648, 37.0568



119.2790, -6.5465, -0.2447



250.0000, 0.0000, 0.0000



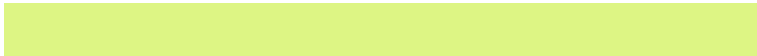
122.0000, 0.0000, 0.0000

Same Dimension

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



176.3070, -29.2384, -2.0232



224.9420, -45.8204, -3.4571



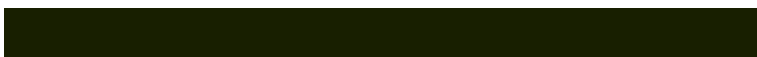
165.8420, -24.0791, -23.5404



92.3760, -3.6364, -0.3298



130.1210, -64.1497, -4.4911



25.3730, -12.5089, -1.2041

Inverse Universe

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



129.6930, 29.2384, 2.0232



152.0580, 45.8204, 3.4571



140.1580, 24.0791, 23.5404



86.6240, 3.6364, 0.3298



27.8790, 64.1497, 4.4911



5.3280, 12.6563, 0.5893

Previews

White Background



This preview shows how the YUV color 176.3070, -29.2384, -2.0232 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 176.3070, -29.2384, -2.0232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

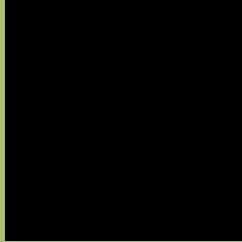
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.3070, -29.2384, -2.0232

Background



This preview shows how black text looks on a background with the YUV color 176.3070, -29.2384, -2.0232.



This preview shows how white text looks on a background with the YUV color 176.3070, -29.2384, -2.0232.

-2.0232.

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

176.3070, -29.2384, -2.0232

Protanopia

179.0320, -32.0608, 16.6349

Deuteranopia

181.0000, -30.0730, 32.4490



Tritanopia

182.7920, 5.5255, 1.0594

Trichromacy



Original Color

176.3070, -29.2384, -2.0232

Protanomaly

178.2160, -31.1655, 9.4576

Deuteranomaly

179.0370, -29.5982, 20.1386

Tritanomaly

180.1650, -6.9833, -0.1447

Monochromacy



Original Color

176.3070, -29.2384, -2.0232

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.2420, -10.4723, -1.0892

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.3070, -29.2384, -2.0232 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(174, 189, 117)` looks like.

```
.text, #text, p{  
    color:rgb(174, 189, 117)  
}
```

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(174, 189, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 189, 117) }
```

Border

The CSS property to change the border of an element to YUV 176.3070, -29.2384, -2.0232 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(174, 189, 117) }
```


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

```
.border{ border-color:rgb(174, 189, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 189, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 189, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 189, 117);  
box-shadow:4px 4px 4px 4px rgb(174, 189,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 176.3070, -29.2384, -2.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 189, 117) }
```

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

```
.background{ background-color: rgb(174,  
189, 117) }
```

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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