

Converting Colors

YUV(172.8460, -33.4481,
-5.1269)

Have a look what the booklet for
YUV(172.8460, -33.4481, -5.1269)
contains.

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Color

**YUV(172.8460, -33.4481,
-5.1269)**

Conversions

Conversions Part 1

Format	Color
Hex	A7BD69
RGB	167, 189, 105
RGB Percent	65%, 74%, 41%
CMY	0.3451, 0.2588, 0.5882
CMYK	0.12, 0.00, 0.44, 0.26
HSL	76°, 39%, 58%
HSV	76°, 44%, 74%
XYZ	36.6837, 45.6306, 20.2387
YIQ	172.8460, 13.8520, -30.7880

Conversions

Conversions Part 2

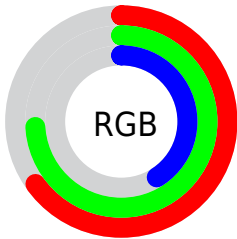
Format	Color
RYB	105, 189, 127
Decimal	10993001
CIELab	73.31, -20.90, 39.83
CIElCh	73, 44.983, 117.681
Yxy	45.6306, 0.3577, 0.4449
Android (android.graphics.Color)	4289183081 (0xFFA7BD69)
YUV	172.8460, -33.4481, -5.1269
Hunter-Lab	67.5504, -21.2775, 29.5215

Details

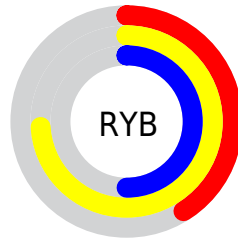
The YUV color **172.8460, -33.4481, -5.1269** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **121.1540, 33.4481, 5.1269**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5040, -34.7585, -4.8270**, and **119.8890, -31.9903, -6.0417** is the 20% darker color. If you saturate the color by 10%, you get **169.1850, -41.0102, -6.3012**, and if you desaturate by 10%, it is **176.5070, -25.8860, -3.9526**.

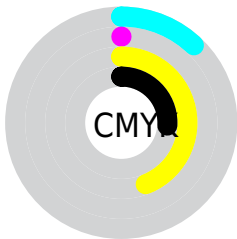
Distribution



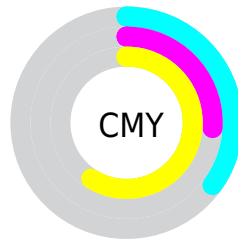
- Red (65%)
- Green (74%)
- Blue (41%)



- Red (41%)
- Yellow (74%)
- Blue (50%)



- Cyan (12%)
- Magenta (0%)
- Yellow (44%)
- Black (26%)



- Cyan (35%)
- Magenta (26%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.8460, -33.4481, -5.1269 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 172.8460, -33.4481, -5.1269 by changing the saturation by 10% instead.

■ 172.8460,
-33.4481, -5.1269

■ 172.8460,
-33.4481, -5.1269

255.0000, 0.0000,
0.0000

■ 146.0740,
-32.5745, -5.3269

■ 228.5040,
-34.7585, -4.8270

■ 119.8890,
-31.9903, -6.0417

■ 246.1230,
-30.1336, 5.1541

■ 94.3020, -31.7009,
-5.5269

■ 250.2120,
-18.3455, 4.1991

■ 69.5470, -33.3007,
-5.7417

■ 253.5180, -5.6784,
1.2997

■ 48.3540, -23.8385,
-7.3265

■ 27.3670, -13.4919,
-12.5999

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 172.8460,
-33.4481, -5.1269

■ 172.8460,
-33.4481, -5.1269

■ 169.1850,
-41.0102, -6.3012

■ 176.5070,
-25.8860, -3.9526

■ 165.5240,
-48.5723, -7.4755

■ 180.1680,
-18.3238, -2.7783

■ 161.8630,
-56.1345, -8.6499

■ 183.8290,
-10.7617, -1.6040

■ 158.2020,
-63.6966, -9.8242

■ 187.4900, -3.1996,
-0.4297

■ 154.5410,
-71.2587, -10.9985

■ 191.1510, 4.3626,
0.7446

■ 152.8030,
-75.3319, -11.2282

■ 194.6980, 11.4879,
2.0189

■ 198.3590, 19.0500,
3.1932

■ 201.9060, 26.1753,
4.4674

■ 203.4010, 25.4383,
7.5413

Harmonies

Analogous

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



177.3340, -40.0977, 27.7711



172.8460, -33.4481, -5.1269



165.8980, -15.7257, -42.8835

Triad

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



172.8460, -33.4481, -5.1269



143.4380, 52.0421, -125.7951



183.6240, 0.6784, 62.5968

Complementary

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



172.8460, -33.4481, -5.1269



121.1540, 33.4481, 5.1269

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.



185.6930, 19.3784, 37.9802



172.8460, -33.4481, -5.1269



169.9570, 41.9262, -54.3363

Square

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



172.8460, -33.4481, -5.1269



142.7250, 36.6176, -125.1698



182.7400, 34.6382, -3.2800



180.7110, -18.0985, 65.1515

Rectangle

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



172.8460, -33.4481, -5.1269



158.7660, 1.1014, -73.4628



182.7400, 34.6382, -3.2800



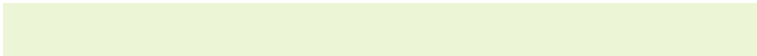
184.6000, 7.0992, 56.4788

Sweetspot

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



172.8460, -33.4481, -5.1269



238.6610, -12.6509, -2.3337



142.4430, -18.4594, 40.8305



118.3390, -7.5621, -1.1743



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.



172.8460, -33.4481, -5.1269



220.0140, -51.7719, -7.9053



160.5870, -27.4044, -30.3328



92.3760, -3.6364, -0.3298



127.7290, -62.9704, -9.4093



25.0740, -12.3615, -1.8189

Inverse Universe

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



121.1540, 33.4481, 5.1269



139.9860, 51.7719, 7.9053



133.4130, 27.4044, 30.3328



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 172.8460, -33.4481, -5.1269 looks on a white background.

Color Contrast Check

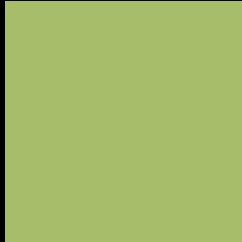
Large Text (above 18pt) WCAG AA × Fail

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 172.8460, -33.4481, -5.1269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

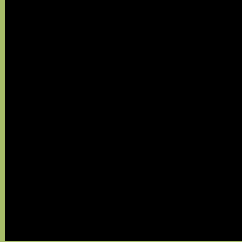
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.8460, -33.4481, -5.1269

Background



This preview shows how black text looks on a background with the YUV color 172.8460, -33.4481, -5.1269.



This preview shows how white text looks on a background with the YUV color 172.8460, -33.4481, -5.1269.

-5.1269.

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

172.8460, -33.4481, -5.1269

Protanopia

176.1910, -36.5762, 18.2495

Deuteranopia

178.5720, -34.2990, 34.5784



Tritanopia

180.2970, 6.2626, -2.0145

Trichromacy



Original Color

172.8460, -33.4481, -5.1269

Protanomaly

174.7770, -35.3861, 9.8426

Deuteranomaly

176.2990, -33.6714, 19.9088

Tritanomaly

177.8010, -8.2829, -3.3335

Monochromacy



Original Color

172.8460, -33.4481, -5.1269

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0740, -12.3615, -1.8189

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8460, -33.4481, -5.1269 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(167, 189, 105)` looks like.

```
.text, #text, p{  
    color:rgb(167, 189, 105)  
}
```

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(167, 189, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 189, 105) }
```

Border

The CSS property to change the border of an element to YUV 172.8460, -33.4481, -5.1269 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(167, 189, 105) }
```


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

```
.border{ border-color:rgb(167, 189, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 189, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 189, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 189, 105);  
box-shadow:4px 4px 4px 4px rgb(167, 189,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 172.8460, -33.4481, -5.1269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 189, 105) }
```

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

```
.background{ background-color: rgb(167,  
189, 105) }
```

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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