

Converting Colors

YUV(169.4280, -32.7490,
4.0096)

Have a look what the booklet for
YUV(169.4280, -32.7490, 4.0096)
contains.

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Color

**YUV(169.4280, -32.7490,
4.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB467
RGB	174, 180, 103
RGB Percent	68%, 71%, 40%
CMY	0.3176, 0.2941, 0.5961
CMYK	0.03, 0.00, 0.43, 0.29
HSL	65°, 34%, 55%
HSV	65°, 43%, 71%
XYZ	36.2250, 42.6205, 19.1493
YIQ	169.4280, 21.1410, -25.2190

Conversions

Conversions Part 2

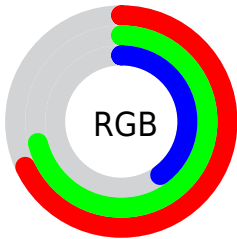
Format	Color
RYB	103, 180, 109
Decimal	11449447
CIELab	71.30, -13.76, 38.46
CIELCh	71, 40.846, 109.691
Yxy	42.6205, 0.3697, 0.4349
Android (android.graphics.Color)	4289639527 (0xFFAEB467)
YUV	169.4280, -32.7490, 4.0096
Hunter-Lab	65.2843, -15.2015, 28.3080

Details

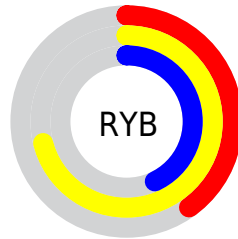
The YUV color $169.4280, -32.7490, 4.0096$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $113.5720, 32.7490, -4.0096$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.2710, -34.6436, 5.0243$, and $116.5850, -30.8544, 2.9950$ is the 20% darker color. If you saturate the color by 10%, you get $167.0770, -40.4640, 5.1945$, and if you desaturate by 10%, it is $171.7790, -25.0340, 2.8248$.

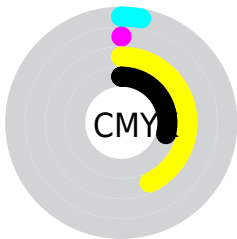
Distribution



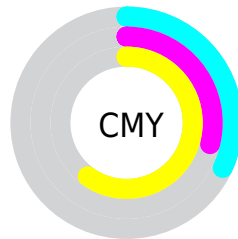
- Red (68%)
- Green (71%)
- Blue (40%)



- Red (40%)
- Yellow (71%)
- Blue (43%)



- Cyan (3%)
- Magenta (0%)
- Yellow (43%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.4280, -32.7490, 4.0096 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 169.4280, -32.7490, 4.0096 by changing the saturation by 10% instead.

■ 169.4280,
-32.7490, 4.0096

■ 169.4280,
-32.7490, 4.0096

255.0000, 0.0000,
0.0000

■ 142.6560,
-31.8754, 3.8097

■ 225.2710,
-34.6436, 5.0243

■ 116.5850,
-30.8544, 2.9950

■ 246.7920,
-31.4495, 7.1984

■ 91.2860, -30.7070,
2.3802

■ 249.9840,
-19.2191, 4.3990

■ 66.6450, -31.8700,
2.0653

■ 253.1760, -6.9888,
1.5996

■ 46.6260, -22.9866,
-0.5490

■ 26.2370, -12.9348,
-4.5928

■ 5.2830, -2.6045,

-4.6332

■ 0.0000, 0.0000,
0.0000

■ 169.4280,
-32.7490, 4.0096

■ 169.4280,
-32.7490, 4.0096

■ 167.0770,
-40.4640, 5.1945

■ 171.7790,
-25.0340, 2.8248

■ 164.4270,
-48.0315, 5.7645

■ 174.4290,
-17.4665, 2.2548

■ 162.0760,
-55.7465, 6.9493

■ 176.7800, -9.7515,
1.0699

■ 159.4260,
-63.3140, 7.5194

■ 179.4300, -2.1840,
0.4999

■ 157.0750,
-71.0290, 8.7042

■ 181.7810, 5.5310,
-0.6849

■ 155.2940,
-76.5599, 9.3892

■ 184.1320, 13.2459,
-1.8698

■ 186.7820, 20.8135,
-2.4398

■ 189.1330, 28.5284,
-3.6246

■ 190.6430, 31.7280,
-3.1949

Harmonies

Analogous

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



172.9200, -35.4566, 32.5192



169.4280, -32.7490, 4.0096



164.3620, -19.4055, -29.2585

Triad

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



169.4280, -32.7490, 4.0096



137.7500, 45.4793, -120.8067



178.4100, 5.2209, 52.2604

Complementary

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



169.4280, -32.7490, 4.0096



113.5720, 32.7490, -4.0096

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.



179.4850, 21.4529, 25.8847



169.4280, -32.7490, 4.0096



163.0980, 41.3637, -60.5989

Square

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



169.4280, -32.7490, 4.0096



136.4500, 30.3442, -119.6666



175.2610, 34.3813, -14.2609



176.7690, -12.7041, 61.5926

Rectangle

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



169.4280, -32.7490, 4.0096



159.1770, -5.5103, -52.7752



175.2610, 34.3813, -14.2609



179.4460, 10.6261, 45.2129

Sweetspot

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



169.4280, -32.7490, 4.0096



230.5690, -13.0985, 1.2550



128.9580, -12.7973, 44.7638



114.6490, -7.7150, 1.1848



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



169.4280, -32.7490, 4.0096



218.3300, -50.9417, 5.8496



158.0660, -27.1475, -19.3519



87.9740, -3.9312, 0.8998



131.9700, -65.0612, 7.9193



22.4380, -11.0619, 1.3699

Inverse Universe

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



113.5720, 32.7490, -4.0096



131.3710, 51.0891, -6.4644



124.9340, 27.1475, 19.3519



81.3250, 3.7838, -0.2850



21.0300, 65.0612, -7.9193



3.5620, 11.0619, -1.3699

Previews

White Background



This preview shows how the YUV color 169.4280, -32.7490, 4.0096 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 169.4280, -32.7490, 4.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

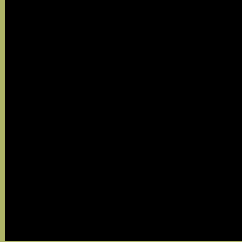
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.4280, -32.7490, 4.0096

Background



This preview shows how black text looks on a background with the YUV color 169.4280, -32.7490, 4.0096.



This preview shows how white text looks on a background with the YUV color 169.4280, -32.7490,

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

169.4280, -32.7490, 4.0096

Protanopia

170.7610, -34.3922, 17.7496

Deuteranopia

173.2020, -33.1306, 33.1488



Tritanopia

176.0700, 3.9095, 6.0776

Trichromacy



Original Color

169.4280, -32.7490, 4.0096

Protanomaly

170.2550, -33.6497, 12.9314

Deuteranomaly

172.1360, -33.0980, 22.6827

Tritanomaly

173.6280, -9.1836, 5.5882

Monochromacy



Original Color

169.4280, -32.7490, 4.0096

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.2100, -11.9355, 1.5698

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.4280, -32.7490, 4.0096 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, 180, 103)` looks like.

```
.text, #text, p{  
    color:rgb(174, 180, 103)  
}
```

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, 180, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 180, 103) }
```

Border

The CSS property to change the border of an element to YUV 169.4280, -32.7490, 4.0096 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, 180, 103) }
```


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

```
.border{ border-color:rgb(174, 180, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 180, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 180, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 180, 103);  
box-shadow:4px 4px 4px 4px rgb(174, 180,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 169.4280, -32.7490, 4.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 180, 103) }
```

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

```
.background{ background-color: rgb(174,  
180, 103) }
```

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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