

Converting Colors

YUV(170.8410, -32.4596,
4.5244)

Have a look what the booklet for
YUV(170.8410, -32.4596, 4.5244)
contains.

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Color

**YUV(170.8410, -32.4596,
4.5244)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B569
RGB	176, 181, 105
RGB Percent	69%, 71%, 41%
CMY	0.3098, 0.2902, 0.5882
CMYK	0.03, 0.00, 0.42, 0.29
HSL	64°, 34%, 56%
HSV	64°, 42%, 71%
XYZ	36.9782, 43.2978, 19.7730
YIQ	170.8410, 21.4160, -24.6960

Conversions

Conversions Part 2

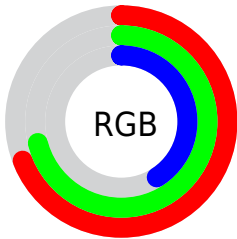
Format	Color
RYB	105, 181, 110
Decimal	11580777
CIELab	71.76, -13.25, 38.05
CIELCh	72, 40.288, 109.202
Yxy	43.2978, 0.3696, 0.4328
Android (android.graphics.Color)	4289770857 (0xFFB0B569)
YUV	170.8410, -32.4596, 4.5244
Hunter-Lab	65.8010, -14.8403, 28.2443

Details

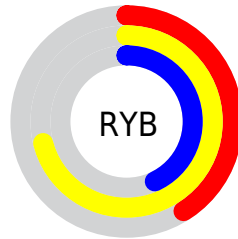
The YUV color **170.8410, -32.4596, 4.5244** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **115.1590, 32.4596, -4.5244**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.6840, -34.3542, 5.5391**, and **117.8840, -31.0018, 3.6097** is the 20% darker color. If you saturate the color by 10%, you get **168.4900, -40.1746, 5.7093**, and if you desaturate by 10%, it is **173.1920, -24.7447, 3.3396**.

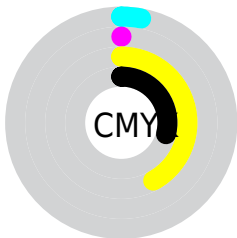
Distribution



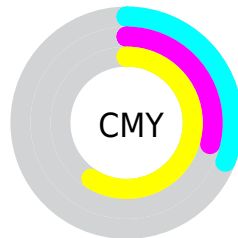
- Red (69%)
- Green (71%)
- Blue (41%)



- Red (41%)
- Yellow (71%)
- Blue (43%)



- Cyan (3%)
- Magenta (0%)
- Yellow (42%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8410, -32.4596, 4.5244 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 170.8410, -32.4596, 4.5244 by changing the saturation by 10% instead.

■ 170.8410,
-32.4596, 4.5244

■ 170.8410,
-32.4596, 4.5244

■ 255.0000, 0.0000,
0.0000

■ 144.0690,
-31.5860, 4.3245

■ 226.6840,
-34.3542, 5.5391

■ 117.8840,
-31.0018, 3.6097

■ 247.0200,
-30.5759, 6.9985

■ 92.6990, -30.4176,
2.8950

■ 250.2120,
-18.3455, 4.1991

■ 68.0580, -31.5806,
2.5801

■ 253.4040, -6.1152,
1.3997

■ 47.2240, -23.2814,
0.6806

■ 27.4220, -13.5190,
-3.8781

■ 7.0440, -3.4727,

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 170.8410,
-32.4596, 4.5244

■ 170.8410,
-32.4596, 4.5244

■ 168.4900,
-40.1746, 5.7093

■ 173.1920,
-24.7447, 3.3396

■ 166.1390,
-47.8895, 6.8941

■ 175.5430,
-17.0297, 2.1548

■ 163.4890,
-55.4571, 7.4641

■ 178.1930, -9.4621,
1.5847

■ 161.1380,
-63.1720, 8.6490

■ 180.5440, -1.7472,
0.3999

■ 158.7870,
-70.8870, 9.8338

■ 183.0090, 6.4046,
-0.8849

■ 156.7780,
-77.2916, 10.7187

■ 185.3600, 14.1195,
-2.0697

■ 187.7110, 21.8345,
-3.2545

■ 190.3610, 29.4020,
-3.8246

■ 191.2300, 31.4386,
-3.7097

Harmonies

Analogous

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



174.0340, -35.0198, 32.4192



170.8410, -32.4596, 4.5244



165.9600, -19.7003, -28.0289

Triad

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



170.8410, -32.4596, 4.5244



139.5220, 44.6057, -120.6068



180.1110, 5.3683, 51.6457

Complementary

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



170.8410, -32.4596, 4.5244



115.1590, 32.4596, -4.5244

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.



180.7730, 21.3109, 24.7551



170.8410, -32.4596, 4.5244



164.2830, 40.7795, -59.8842

Square

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



170.8410, -32.4596, 4.5244



139.5430, 29.3123, -115.3632



176.1470, 33.9445, -14.1609



178.1710, -12.4093, 60.3630

Rectangle

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



170.8410, -32.4596, 4.5244



160.6610, -6.2419, -51.4457



176.1470, 33.9445, -14.1609



180.8480, 10.9209, 43.9833

Sweetspot

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



170.8410, -32.4596, 4.5244



230.8680, -13.2459, 1.8698



130.0720, -12.3605, 44.6639



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.



170.8410, -32.4596, 4.5244



219.1560, -50.3629, 6.8792



159.7780, -27.0056, -18.2223



87.9740, -3.9312, 0.8998



132.5680, -65.3560, 9.1489



22.4380, -11.0619, 1.3699

Inverse Universe

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



115.1590, 32.4596, -4.5244



132.8440, 50.3629, -6.8792



126.2220, 27.0056, 18.2223



81.3250, 3.7838, -0.2850



20.4320, 65.3560, -9.1489



3.5620, 11.0619, -1.3699

Previews

White Background



This preview shows how the YUV color 170.8410, -32.4596, 4.5244 looks on a white background.

Color Contrast Check

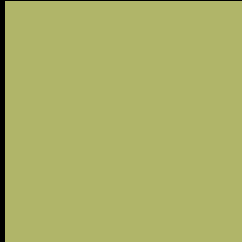
Large Text (above 18pt) WCAG AA × Fail

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 170.8410, -32.4596, 4.5244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

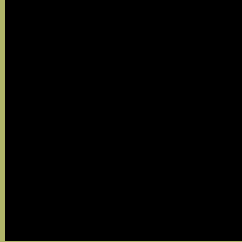
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.8410, -32.4596, 4.5244

Background



This preview shows how black text looks on a background with the YUV color 170.8410, -32.4596, 4.5244.



This preview shows how white text looks on a background with the YUV color 170.8410, -32.4596, 4.5244.

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

170.8410, -32.4596, 4.5244

Protanopia

172.4620, -34.2448, 17.1348

Deuteranopia

174.6150, -32.8412, 33.6636



Tritanopia

177.3690, 3.7621, 6.6924

Trichromacy



Original Color

170.8410, -32.4596, 4.5244

Protanomaly

171.9560, -33.5023, 12.3166

Deuteranomaly

173.5490, -32.8087, 23.1975

Tritanomaly

174.9270, -9.3310, 6.2030

Monochromacy



Original Color

170.8410, -32.4596, 4.5244

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2100, -11.9355, 1.5698

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8410, -32.4596, 4.5244 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(176, 181, 105)` looks like.

```
.text, #text, p{  
    color:rgb(176, 181, 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(176, 181, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 181, 105) }
```

Border

The CSS property to change the border of an element to YUV 170.8410, -32.4596, 4.5244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

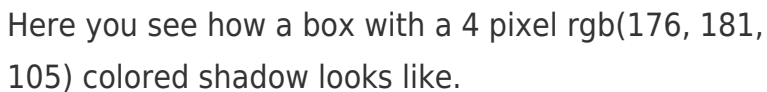
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 181, 105) }
```


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

```
.border{ border-color:rgb(176, 181, 105) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 181, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 181, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 181, 105); box-shadow:4px 4px 4px 4px rgb(176, 181, 105) }
```

Background

The CSS property to change the background color of an element to YUV 170.8410, -32.4596, 4.5244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 181, 105) }
```

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

```
.background{ background-color: rgb(176,  
181, 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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