

Converting Colors

YUV(170.6460, -16.5875,
0.3105)

Have a look what the booklet for
YUV(170.6460, -16.5875, 0.3105)
contains.

YUV(170.6460, -16.5875, 0.3105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(170.6460, -16.5875,
0.3105)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB189
RGB	171, 177, 137
RGB Percent	67%, 69%, 54%
CMY	0.3294, 0.3059, 0.4627
CMYK	0.03, 0.00, 0.23, 0.31
HSL	69°, 20%, 62%
HSV	69°, 23%, 69%
XYZ	37.0321, 41.9084, 29.8042
YIQ	170.6460, 9.2640, -13.7120

Conversions

Conversions Part 2

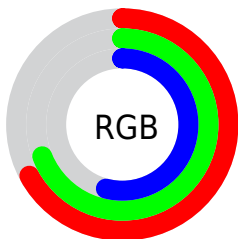
Format	Color
RYB	137, 177, 143
Decimal	11252105
CIELab	70.81, -8.98, 19.81
CIELCh	71, 21.752, 114.392
Yxy	41.9084, 0.3405, 0.3854
Android (android.graphics.Color)	4289442185 (0xFFABB189)
YUV	170.6460, -16.5875, 0.3105
Hunter-Lab	64.7367, -11.1797, 18.0190

Details

The YUV color **170.6460, -16.5875, 0.3105** is a light color, and the websafe version is hex **999966**. A complement of this color would be **143.3540, 16.5875, -0.3105**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.4180, -17.4611, 0.5104**, and **117.9880, -15.2771, 0.0105** is the 20% darker color. If you saturate the color by 10%, you get **167.6970, -24.0076, 0.2657**, and if you desaturate by 10%, it is **173.5950, -9.1673, 0.3552**.

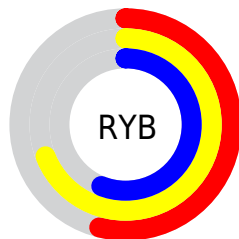
Distribution



Red (67%)

Green (69%)

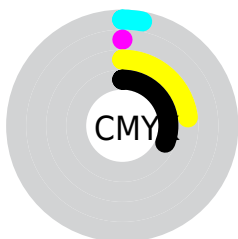
Blue (54%)



Red (54%)

Yellow (69%)

Blue (56%)

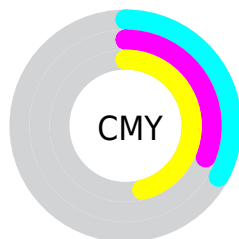


Cyan (3%)

Magenta (0%)

Yellow (23%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.6460, -16.5875, 0.3105 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 170.6460, -16.5875, 0.3105 by changing the saturation by 10% instead.

■ 170.6460,
-16.5875, 0.3105

■ 170.6460,
-16.5875, 0.3105

255.0000, 0.0000,
0.0000

■ 143.7600,
-16.1507, 0.2105

■ 226.4180,
-17.4611, 0.5104

■ 117.9880,
-15.2771, 0.0105

■ 250.7820,
-16.1615, 3.6992

■ 93.6890, -15.1297,
-0.6043

■ 254.0880, -3.4944,
0.7998

■ 69.9170, -14.2561,
-0.8042

■ 47.1450, -13.3825,
-1.0042

■ 26.8570, -13.2405,
0.1254

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 170.6460,
-16.5875, 0.3105

■ 170.6460,
-16.5875, 0.3105

■ 167.6970,
-24.0076, 0.2657

■ 173.5950, -9.1673,
0.3552

■ 165.1610,
-31.1384, 0.7358

■ 176.1310, -2.0366,
-0.1149

■ 162.2120,
-38.5585, 0.6911

■ 179.0800, 5.3836,
-0.0702

■ 159.2630,
-45.9787, 0.6463

■ 182.0290, 12.8037,
-0.0254

■ 156.6130,
-53.5462, 1.2164

■ 184.5650, 19.9345,
-0.4955

■ 153.7780,
-60.5296, 1.0717

■ 187.5140, 27.3546,
-0.4508

■ 150.8290,
-67.9497, 1.0270

■ 189.7790, 32.1540,
0.1938

■ 148.7490,
-73.3333, 1.0971

■ 190.3770, 31.8591,
1.4234

■ 191.2740, 31.4169,
3.2677

Harmonies

Analogous

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



173.0610, -19.2571, 16.6095



170.6460, -16.5875, 0.3105



168.1860, -8.9657, -17.7031

Triad

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



170.6460, -16.5875, 0.3105



166.6930, 18.8854, -37.4418



176.4150, 0.7814, 29.4540

Complementary

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



170.6460, -16.5875, 0.3105



143.3540, 16.5875, -0.3105

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.



176.4440, 10.1341, 16.2736



170.6460, -16.5875, 0.3105



170.8350, 20.2943, -22.6573

Square

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



170.6460, -16.5875, 0.3105



164.8360, 11.9129, -41.0752



174.4570, 17.0297, -2.1548



175.9180, -8.8336, 33.3979

Rectangle

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



170.6460, -16.5875, 0.3105



166.5420, -2.2392, -28.5393



174.4570, 17.0297, -2.1548



176.4900, 3.7024, 25.8803

Sweetspot

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



170.6460, -16.5875, 0.3105



227.1650, -6.9833, -0.1447



152.4820, -7.6326, 21.5023



113.3760, -3.6364, -0.3298



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



170.6460, -16.5875, 0.3105



219.9420, -25.6074, 0.0509



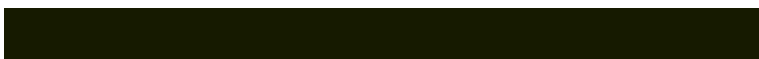
164.6660, -13.6393, -11.9851



87.6750, -3.7838, 0.2850



128.6810, -63.4397, 1.1568



21.8400, -10.7671, 0.1403

Inverse Universe

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



143.3540, 16.5875, -0.3105



177.7590, 25.7548, -0.6656



149.3340, 13.6393, 11.9851



81.6240, 3.6364, 0.3298



24.3190, 63.4397, -1.1568



4.1600, 10.7671, -0.1403

Previews

White Background



This preview shows how the YUV color 170.6460, -16.5875, 0.3105 looks on a white background.

Color Contrast Check

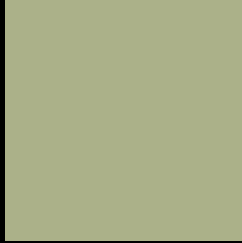
Large Text (above 18pt) WCAG AA × Fail

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 170.6460, -16.5875, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

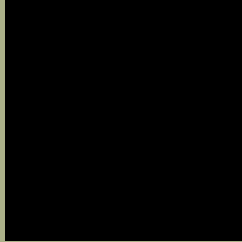
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

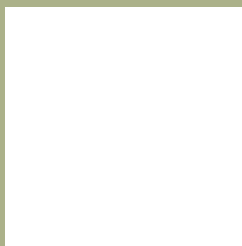
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 170.6460, -16.5875, 0.3105

Background



This preview shows how black text looks on a background with the YUV color 170.6460, -16.5875, 0.3105.



This preview shows how white text looks on a background with the YUV color 170.6460, -16.5875,

0.3105.

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

170.6460, -16.5875, 0.3105

Protanopia

171.9570, -18.2198, 10.5617

Deuteranopia

173.3870, -16.9528, 24.2166



Tritanopia

174.2760, 4.7939, 2.3889

Trichromacy



Original Color

170.6460, -16.5875, 0.3105

Protanomaly

171.1630, -17.3354, 6.8730

Deuteranomaly

172.3320, -16.9257, 15.4948

Tritanomaly

172.9140, -2.9156, 1.8294

Monochromacy



Original Color

170.6460, -16.5875, 0.3105

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8060, -5.8204, 0.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.6460, -16.5875, 0.3105 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(171, 177, 137)` looks like.

```
.text, #text, p{  
    color:rgb(171, 177, 137)  
}
```

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(171, 177, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 177, 137) }
```

Border

The CSS property to change the border of an element to YUV 170.6460, -16.5875, 0.3105 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(171, 177, 137) }
```


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

```
.border{ border-color:rgb(171, 177, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 177, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 177, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 177, 137); box-shadow:4px 4px 4px 4px rgb(171, 177, 137) }
```

Background

The CSS property to change the background color of an element to YUV 170.6460, -16.5875, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 177, 137) }
```

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

```
.background{ background-color: rgb(171,  
177, 137) }
```

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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