

Converting Colors

YUV(170.4250, -4.6465, -3.0037)

Have a look what the booklet for
YUV(170.4250, -4.6465, -3.0037)
contains.

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Color

**YUV(170.4250, -4.6465,
-3.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	A7AEA1
RGB	167, 174, 161
RGB Percent	65%, 68%, 63%
CMY	0.3451, 0.3176, 0.3686
CMYK	0.04, 0.00, 0.07, 0.32
HSL	92°, 7%, 66%
HSV	92°, 7%, 68%
XYZ	37.5054, 41.0608, 39.6670
YIQ	170.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

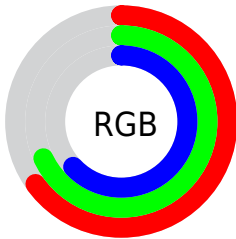
Format	Color
RYB	161, 174, 168
Decimal	10989217
CIELab	70.22, -4.89, 5.81
CIElCh	70, 7.598, 130.102
Yxy	41.0608, 0.3172, 0.3473
Android (android.graphics.Color)	4289179297 (0xFFA7AEA1)
YUV	170.4250, -4.6465, -3.0037
Hunter-Lab	64.0787, -7.6612, 8.1525

Details

The YUV color **170.4250, -4.6465, -3.0037** is a light color, and the websafe version is hex **999999**. A complement of this color would be **164.5750, 4.6465, 3.0037**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.4250, -4.6465, -3.0037**, and **118.5390, -4.2097, -3.1037** is the 20% darker color. If you saturate the color by 10%, you get **165.7960, -10.7454, -6.8371**, and if you desaturate by 10%, it is **175.0540, 1.4524, 0.8296**.

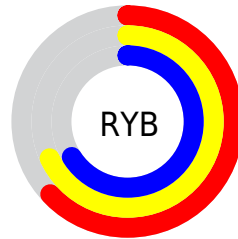
Distribution



Red (65%)

Green (68%)

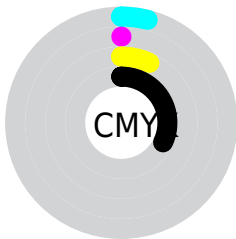
Blue (63%)



Red (63%)

Yellow (68%)

Blue (66%)

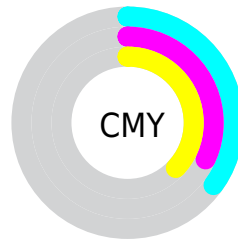


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (32%)



Cyan (35%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4250, -4.6465, -3.0037 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 170.4250, -4.6465, -3.0037 by changing the saturation by 10% instead.

■ 170.4250, -4.6465,
-3.0037

■ 170.4250, -4.6465,
-3.0037

255.0000, 0.0000,
0.0000

■ 143.8380, -4.3571,
-2.4889

■ 225.4250, -4.6465,
-3.0037

■ 118.5390, -4.2097,
-3.1037

■ 252.5500, -4.2151,
-1.3593

■ 93.8380, -4.3571,
-2.4889

■ 69.9520, -3.9203,
-2.5889

■ 47.9520, -3.9203,
-2.5889

■ 27.0660, -3.4835,
-2.6889

■ 0.5870, -0.2894,

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 170.4250, -4.6465,
-3.0037

■ 170.4250, -4.6465,
-3.0037

■ 165.7960,
-10.7454, -6.8371

■ 175.0540, 1.4524,
0.8296

■ 160.7540,
-17.1337, -11.1853

■ 180.0960, 7.8407,
5.1778

■ 156.1250,
-23.2326, -15.0186

■ 184.7250, 13.9396,
9.0112

■ 151.3820,
-29.7683, -18.7520

■ 189.4680, 20.4753,
12.7446

■ 146.4540,
-35.7198, -23.2002

■ 194.3960, 26.4268,
17.1927

■ 141.8250,
-41.8187, -27.0335

■ 197.8850, 28.1577,
22.0259

■ 136.7830,
-48.2070, -31.3817

■ 200.8750, 26.6836,
28.1736

■ 132.1540,
-54.3059, -35.2151

■ 203.5660, 25.3570,
33.7066

■ 127.4110,
-60.8416, -38.9484

■ 206.2570, 24.0303,
39.2396

Harmonies

Analogous

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



171.3010, -6.5574, 3.2440



170.4250, -4.6465, -3.0037



169.6030, -1.2833, -8.4218

Triad

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



170.4250, -4.6465, -3.0037



170.9540, 6.4317, -9.6067



173.2080, -2.0745, 12.0956

Complementary

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



170.4250, -4.6465, -3.0037



164.5750, 4.6465, 3.0037

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.



173.5110, 1.7201, 8.3219



170.4250, -4.6465, -3.0037



171.4000, 6.7048, -3.8588

Square

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



170.4250, -4.6465, -3.0037



169.5900, 5.1321, -12.7954



172.5750, 4.6465, 3.0037



172.8120, -4.8373, 11.5659

Rectangle

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



170.4250, -4.6465, -3.0037



169.4500, 0.7642, -11.7956



172.5750, 4.6465, 3.0037



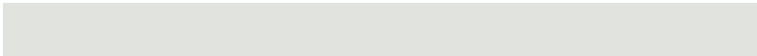
173.2510, -0.6167, 11.1809

Sweetspot

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



170.4250, -4.6465, -3.0037



225.8320, -1.8892, -0.7297



168.9960, -3.9420, 4.3885



114.3590, -1.1630, -0.3148



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.



170.4250, -4.6465, -3.0037



221.4310, -7.1145, -4.7630



168.6310, -3.7621, -6.6924



84.4790, -3.1941, -2.1741



108.6810, -53.5797, -34.8002



16.7900, -8.2775, -5.0778

Inverse Universe

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



164.5750, 4.6465, 3.0037



212.5690, 7.1145, 4.7630



166.3690, 3.7621, 6.6924



80.5210, 3.1941, 2.1741



41.3190, 53.5797, 34.8002



6.2100, 8.2775, 5.0778

Previews

White Background



This preview shows how the YUV color 170.4250, -4.6465, -3.0037 looks on a white background.

Color Contrast Check

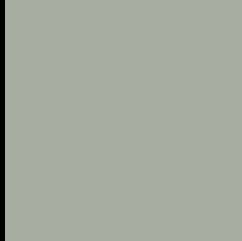
Large Text (above 18pt) WCAG AA × Fail

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 170.4250, -4.6465, -3.0037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

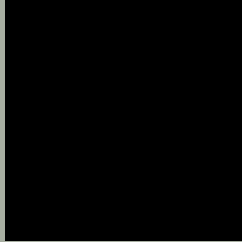
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

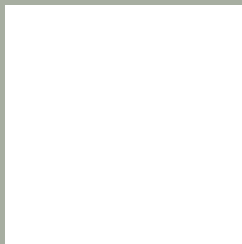
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 170.4250, -4.6465, -3.0037

Background



This preview shows how black text looks on a background with the YUV color 170.4250, -4.6465, -3.0037.



This preview shows how white text looks on a background with the YUV color 170.4250, -4.6465, -3.0037.

-3.0037.

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

170.4250, -4.6465, -3.0037

Protanopia

171.4260, -6.1260, 4.8884

Deuteranopia

173.1330, -4.9956, 15.6694



Tritanopia

172.4820, 5.6784, -1.2997

Trichromacy



Original Color

170.4250, -4.6465, -3.0037

Protanomaly

170.9310, -5.3890, 1.8145

Deuteranomaly

172.0890, -4.9739, 8.6919

Tritanomaly

171.8580, 2.0420, -1.6295

Monochromacy



Original Color

170.4250, -4.6465, -3.0037

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.9460, -1.4524, -0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4250, -4.6465, -3.0037 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, 174, 161)` looks like.

```
.text, #text, p{  
    color:rgb(167, 174, 161)  
}
```

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, 174, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 174, 161) }
```

Border

The CSS property to change the border of an element to YUV 170.4250, -4.6465, -3.0037 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, 174, 161) }
```


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

```
.border{ border-color:rgb(167, 174, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 174, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 174, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 174, 161);  
box-shadow:4px 4px 4px 4px rgb(167, 174,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 170.4250, -4.6465, -3.0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 174, 161) }
```

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

```
.background{ background-color: rgb(167,  
174, 161) }
```

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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