

Converting Colors

YUV(170.0210, -15.2934,
5.2436)

Have a look what the booklet for
YUV(170.0210, -15.2934, 5.2436)
contains.

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Color

**YUV(170.0210, -15.2934,
5.2436)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AD8B
RGB	176, 173, 139
RGB Percent	69%, 68%, 55%
CMY	0.3098, 0.3216, 0.4549
CMYK	0.00, 0.02, 0.21, 0.31
HSL	55°, 19%, 62%
HSV	55°, 21%, 69%
XYZ	37.5083, 40.9813, 30.3594
YIQ	170.0210, 12.7020, -9.9380

Conversions

Conversions Part 2

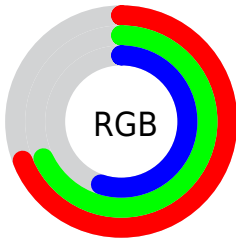
Format	Color
RYB	142, 176, 139
Decimal	11578763
CIELab	70.16, -4.64, 17.90
CIELCh	70, 18.490, 104.549
Yxy	40.9813, 0.3446, 0.3765
Android (android.graphics.Color)	4289768843 (0xFFB0AD8B)
YUV	170.0210, -15.2934, 5.2436
Hunter-Lab	64.0167, -7.4435, 16.6939

Details

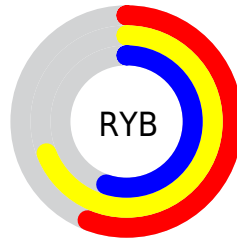
The YUV color **170.0210, -15.2934, 5.2436** is a light color, and the websafe version is hex **999966**. A complement of this color would be **144.9790, 15.2934, -5.2436**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.2060, -15.8776, 5.9583**, and **117.9500, -14.2724, 4.4288** is the 20% darker color. If you saturate the color by 10%, you get **167.3820, -22.8663, 7.5580**, and if you desaturate by 10%, it is **172.6600, -7.7204, 2.9292**.

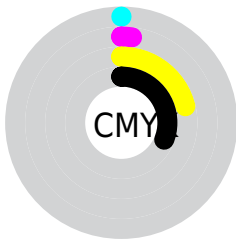
Distribution



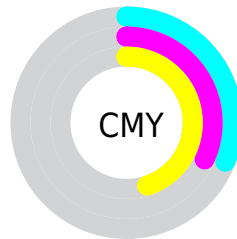
- Red (69%)
- Green (68%)
- Blue (55%)



- Red (56%)
- Yellow (69%)
- Blue (55%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0210, -15.2934, 5.2436 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 170.0210, -15.2934, 5.2436 by changing the saturation by 10% instead.

■ 170.0210,
-15.2934, 5.2436

■ 170.0210,
-15.2934, 5.2436

255.0000, 0.0000,
0.0000

■ 143.1350,
-14.8566, 5.1436

■ 225.2060,
-15.8776, 5.9583

■ 117.9500,
-14.2724, 4.4288

■ 251.1240,
-14.8511, 3.3993

■ 93.0640, -13.8356,
4.3289

■ 254.3160, -2.6208,
0.5999

■ 69.2920, -12.9620,
4.1289

■ 47.1070, -12.3778,
3.4142

■ 26.2920, -12.9620,
4.1289

■ 0.5870, -0.2894,

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 170.0210,
-15.2934, 5.2436

■ 170.0210,
-15.2934, 5.2436

■ 167.3820,
-22.8663, 7.5580

■ 172.6600, -7.7204,
2.9292

■ 164.2700,
-29.7131, 10.2872

■ 175.7720, -0.8736,
0.2000

■ 161.6310,
-37.2861, 12.6016

■ 178.4110, 6.6994,
-2.1144

■ 158.5190,
-44.1329, 15.3308

■ 181.5230, 13.5462,
-4.8437

■ 155.8800,
-51.7058, 17.6452

■ 184.1620, 21.1191,
-7.1581

■ 152.6540,
-58.9894, 20.4744

■ 187.3880, 28.4027,
-9.9873

■ 150.1290,
-66.1256, 22.6889

■ 189.1150, 32.4813,
-11.5019

■ 147.7180,
-72.8250, 24.8033

■ 189.7020, 32.1919,
-12.0167

■ 190.8760, 31.6131,
-13.0463

Harmonies

Analogous

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



171.6960, -15.6261, 18.6836



170.0210, -15.2934, 5.2436



168.1870, -10.4452, -9.8110

Triad

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



170.0210, -15.2934, 5.2436



166.0480, 13.7803, -33.3681



174.9410, 2.9871, 21.9767

Complementary

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



170.0210, -15.2934, 5.2436



144.9790, 15.2934, -5.2436

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.



174.2150, 10.7400, 8.5814



170.0210, -15.2934, 5.2436



168.9120, 16.8054, -23.6018

Square

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



170.0210, -15.2934, 5.2436



164.9250, 6.9390, -32.3832



171.7830, 15.8830, -7.7027



174.5090, -5.1809, 28.4946

Rectangle

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



170.0210, -15.2934, 5.2436



166.6140, -4.7397, -19.8325



171.7830, 15.8830, -7.7027



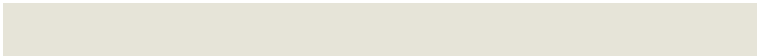
174.9020, 5.4713, 18.5029

Sweetspot

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



170.0210, -15.2934, 5.2436



227.2300, -5.5364, 2.4293



150.4050, -4.1437, 22.4468



113.5010, -3.2050, 1.3146



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.



170.0210, -15.2934, 5.2436



220.4530, -23.8873, 8.3727



167.2970, -13.9504, -5.5225



87.9740, -3.9312, 0.8998



128.5140, -63.3574, 21.4742



21.2750, -10.4886, 4.1438

Inverse Universe

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



144.9790, 15.2934, -5.2436



181.5470, 23.8873, -8.3727



147.7030, 13.9504, 5.5225



81.6130, 3.6418, -1.4146



24.4860, 63.3574, -21.4742



4.1380, 10.7780, -3.6290

Previews

White Background



This preview shows how the YUV color 170.0210, -15.2934, 5.2436 looks on a white background.

Color Contrast Check

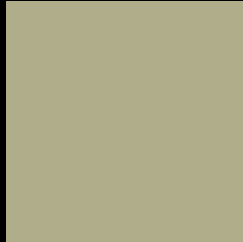
Large Text (above 18pt) WCAG AA × Fail

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 170.0210, -15.2934, 5.2436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

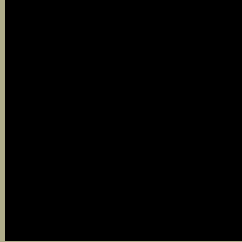
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.0210, -15.2934, 5.2436

Background



This preview shows how black text looks on a background with the YUV color 170.0210, -15.2934, 5.2436.



This preview shows how white text looks on a background with the YUV color 170.0210, -15.2934, 5.2436.

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

170.0210, -15.2934, 5.2436

Protanopia

170.5270, -16.0358, 10.0618

Deuteranopia

172.4300, -15.4950, 23.3019



Tritanopia

172.6680, 3.6147, 7.3072

Trichromacy



Original Color

170.0210, -15.2934, 5.2436

Protanomaly

170.5160, -16.0304, 8.3175

Deuteranomaly

171.6850, -15.6207, 16.9393

Tritanomaly

171.5340, -3.2213, 6.5477

Monochromacy



Original Color

170.0210, -15.2934, 5.2436

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.9310, -5.3890, 1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0210, -15.2934, 5.2436 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, 173, 139)` looks like.

```
.text, #text, p{  
    color:rgb(176, 173, 139)  
}
```

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, 173, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 173, 139) }
```

Border

The CSS property to change the border of an element to YUV 170.0210, -15.2934, 5.2436 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, 173, 139) }
```


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

```
.border{ border-color:rgb(176, 173, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 173, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 173, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 173, 139);  
box-shadow:4px 4px 4px 4px rgb(176, 173,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 170.0210, -15.2934, 5.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 173, 139) }
```

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

```
.background{ background-color: rgb(176,  
173, 139) }
```

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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