

Converting Colors

YUV(168.0210, -15.2934,
5.2436)

Have a look what the booklet for
YUV(168.0210, -15.2934, 5.2436)
contains.

YUV(168.0210, -15.2934, 5.2436)	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(168.0210, -15.2934,
5.2436)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAB89
RGB	174, 171, 137
RGB Percent	68%, 67%, 54%
CMY	0.3176, 0.3294, 0.4627
CMYK	0.00, 0.02, 0.21, 0.32
HSL	55°, 19%, 61%
HSV	55°, 21%, 68%
XYZ	36.5338, 39.9306, 29.4488
YIQ	168.0210, 12.7020, -9.9380

Conversions

Conversions Part 2

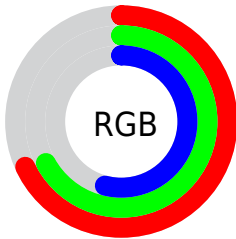
Format	Color
RYB	140, 174, 137
Decimal	11447177
CIELab	69.42, -4.65, 17.94
CIELCh	69, 18.528, 104.526
Yxy	39.9306, 0.3449, 0.3770
Android (android.graphics.Color)	4289637257 (0xFFAEAB89)
YUV	168.0210, -15.2934, 5.2436
Hunter-Lab	63.1907, -7.3836, 16.6026

Details

The YUV color **168.0210, -15.2934, 5.2436** is a light color, and the websafe version is hex **999966**. A complement of this color would be **142.9790, 15.2934, -5.2436**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0920, -16.3144, 6.0583**, and **115.9500, -14.2724, 4.4288** is the 20% darker color. If you saturate the color by 10%, you get **165.4960, -22.4295, 7.4580**, and if you desaturate by 10%, it is **170.5460, -8.1572, 3.0292**.

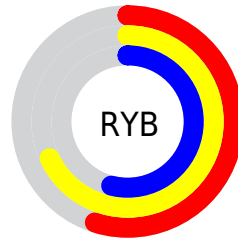
Distribution



Red (68%)

Green (67%)

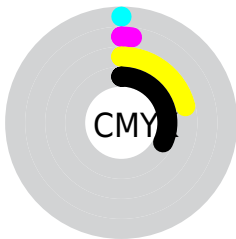
Blue (54%)



Red (55%)

Yellow (68%)

Blue (54%)

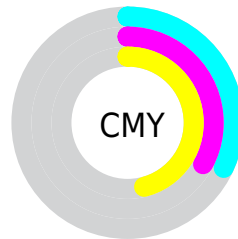


Cyan (0%)

Magenta (2%)

Yellow (21%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.0210, -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 168.0210, -15.2934, 5.2436 by changing the saturation by 10% instead.

■ 168.0210,
-15.2934, 5.2436

■ 168.0210,
-15.2934, 5.2436

■ 255.0000, 0.0000,
0.0000

■ 141.8360,
-14.7091, 4.5288

■ 223.0920,
-16.3144, 6.0583

■ 115.9500,
-14.2724, 4.4288

■ 250.7820,
-16.1615, 3.6992

■ 91.0640, -13.8356,
4.3289

■ 254.0880, -3.4944,
0.7998

■ 67.8790, -13.2513,
3.6141

■ 45.1070, -12.3778,
3.4142

■ 24.5200, -12.0884,
3.9290

■ 0.0000, 0.0000,

0.0000

■ 168.0210,
-15.2934, 5.2436

■ 168.0210,
-15.2934, 5.2436

■ 165.4960,
-22.4295, 7.4580

■ 170.5460, -8.1572,
3.0292

■ 162.2700,
-29.7131, 10.2872

■ 173.7720, -0.8736,
0.2000

■ 159.7450,
-36.8493, 12.5016

■ 176.2970, 6.2626,
-2.0145

■ 156.5190,
-44.1329, 15.3308

■ 179.5230, 13.5462,
-4.8437

■ 153.9940,
-51.2690, 17.5453

■ 182.0480, 20.6823,
-7.0581

■ 151.4690,
-58.4052, 19.7597

■ 184.5730, 27.8185,
-9.2725

■ 148.2430,
-65.6888, 22.5889

■ 187.3430, 33.3549,
-11.7018

■ 145.9460,
-71.9514, 24.6034

■ 187.9300, 33.0655,
-12.2166

■ 189.1040, 32.4867,
-13.2462

Harmonies

Analogous

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



169.6960, -15.6261, 18.6836



168.0210, -15.2934, 5.2436



166.1870, -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.



168.0210, -15.2934, 5.2436



164.0480, 13.7803, -33.3681



172.9410, 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.



168.0210, -15.2934, 5.2436



142.9790, 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.



172.2150, 10.7400, 8.5814



168.0210, -15.2934, 5.2436



166.9120, 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.



168.0210, -15.2934, 5.2436



162.9250, 6.9390, -32.3832



169.7830, 15.8830, -7.7027



172.5090, -5.1809, 28.4946

Rectangle

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



168.0210, -15.2934, 5.2436



164.6140, -4.7397, -19.8325



169.7830, 15.8830, -7.7027



172.9020, 5.4713, 18.5029

Sweetspot

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



168.0210, -15.2934, 5.2436



224.8170, -5.8258, 1.9145



148.4050, -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.



168.0210, -15.2934, 5.2436



217.3390, -24.3241, 8.4727



165.2970, -13.9504, -5.5225



85.3870, -3.6418, 1.4146



125.8560, -62.0470, 21.1743



19.2040, -9.4676, 3.3291

Inverse Universe

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



142.9790, 15.2934, -5.2436



177.6610, 24.3241, -8.4727



145.7030, 13.9504, 5.5225



79.6130, 3.6418, -1.4146



24.1440, 62.0470, -21.1743



3.7960, 9.4676, -3.3291

Previews

White Background



This preview shows how the YUV color 168.0210, -15.2934, 5.2436 looks on a white background.

Color Contrast Check

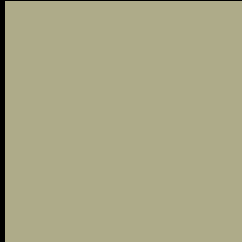
Large Text (above 18pt) WCAG AA × Fail

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 168.0210, -15.2934, 5.2436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

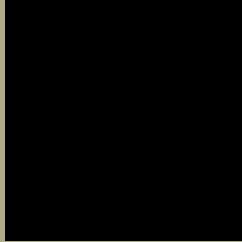
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

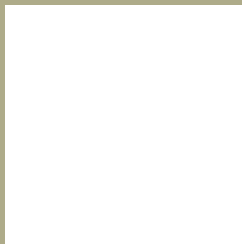
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.0210, -15.2934, 5.2436

Background



This preview shows how black text looks on a background with the YUV color 168.0210, -15.2934, 5.2436.



This preview shows how white text looks on a background with the YUV color 168.0210, -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

168.0210, -15.2934, 5.2436

Protanopia

168.5270, -16.0358, 10.0618

Deuteranopia

170.1310, -15.3476, 22.6871



Tritanopia

170.6680, 3.6147, 7.3072

Trichromacy



Original Color

168.0210, -15.2934, 5.2436

Protanomaly

168.5160, -16.0304, 8.3175

Deuteranomaly

169.3860, -15.4733, 16.3245

Tritanomaly

169.5340, -3.2213, 6.5477

Monochromacy



Original Color

168.0210, -15.2934, 5.2436

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9310, -5.3890, 1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0210, -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(174, 171, 137)` looks like.

```
.text, #text, p{  
    color:rgb(174, 171, 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(174, 171, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 171, 137) }
```

Border

The CSS property to change the border of an element to YUV 168.0210, -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(174, 171, 137) }
```


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

```
.border{ border-color:rgb(174, 171, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 171, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 171, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 171, 137);  
box-shadow:4px 4px 4px 4px rgb(174, 171,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 168.0210, -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(174, 171, 137) }
```

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

```
.background{ background-color: rgb(174,  
171, 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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