

Converting Colors

YUV(168.2230, -35.1129,
15.5904)

Have a look what the booklet for
YUV(168.2230, -35.1129, 15.5904)
contains.

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Color

**YUV(168.2230, -35.1129,
15.5904)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAD61
RGB	186, 173, 97
RGB Percent	73%, 68%, 38%
CMY	0.2706, 0.3216, 0.6196
CMYK	0.00, 0.07, 0.48, 0.27
HSL	51°, 39%, 55%
HSV	51°, 48%, 73%
XYZ	37.3509, 41.1893, 17.2910
YIQ	168.2230, 32.1440, -20.8800

Conversions

Conversions Part 2

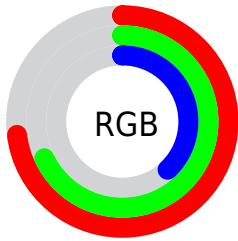
Format	Color
RYB	112, 186, 97
Decimal	12234081
CIELab	70.31, -5.79, 40.50
CIElCh	70, 40.913, 98.129
Yxy	41.1893, 0.3898, 0.4298
Android (android.graphics.Color)	4290424161 (0xFFBAAD61)
YUV	168.2230, -35.1129, 15.5904
Hunter-Lab	64.1789, -8.4294, 28.9514

Details

The YUV color **168.2230, -35.1129, 15.5904** is a light color, and the websafe version is hex **999933**. A complement of this color would be **114.7770, 35.1129, -15.5904**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7780, -36.8656, 17.7347**, and **115.6680, -33.3603, 13.4462** is the 20% darker color. If you saturate the color by 10%, you get **164.2960, -42.5439, 19.0344**, and if you desaturate by 10%, it is **172.1500, -27.6819, 12.1465**.

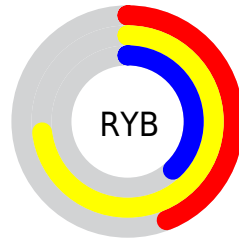
Distribution



Red (73%)

Green (68%)

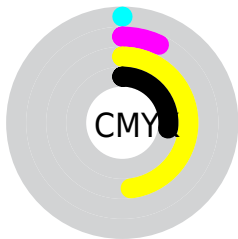
Blue (38%)



Red (44%)

Yellow (73%)

Blue (38%)

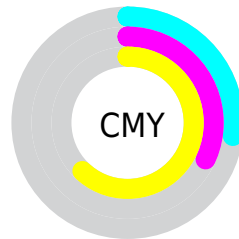


Cyan (0%)

Magenta (7%)

Yellow (48%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2230, -35.1129, 15.5904 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 168.2230, -35.1129, 15.5904 by changing the saturation by 10% instead.

■ 168.2230,
-35.1129, 15.5904

■ 168.2230,
-35.1129, 15.5904

■ 255.0000, 0.0000,
0.0000

■ 141.7390,
-34.3813, 14.2609

■ 223.7780,
-36.8656, 17.7347

■ 115.6680,
-33.3603, 13.4462

■ 245.9940,
-34.5070, 7.8983

■ 90.0700, -33.0655,
12.2166

■ 249.1860,
-22.2767, 5.0989

■ 66.4720, -32.7707,
10.9871

■ 252.4920, -9.6096,
2.1995

■ 45.4960, -22.4295,
7.4580

■ 26.5800, -13.1039,
2.9993

■ 1.1740, -0.5788,

-1.0296

■ 0.0000, 0.0000,
0.0000

■ 168.2230,
-35.1129, 15.5904

■ 168.2230,
-35.1129, 15.5904

■ 164.2960,
-42.5439, 19.0344

■ 172.1500,
-27.6819, 12.1465

■ 161.0700,
-49.8275, 21.8636

■ 175.3760,
-20.3984, 9.3172

■ 157.1430,
-57.2585, 25.3076

■ 179.3030,
-12.9674, 5.8733

■ 153.3300,
-64.2527, 28.6516

■ 183.1160, -5.9732,
2.5293

■ 149.4030,
-71.6837, 32.0956

■ 187.0430, 1.4578,
-0.9147

■ 148.9470,
-73.4309, 32.4955

■ 190.3830, 9.1782,
-3.8439

■ 194.1960, 16.1724,
-7.1879

■ 198.1230, 23.6034,
-10.6319

■ 200.3230, 26.9558,
-12.5613

Harmonies

Analogous

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



171.1430, -33.5945, 41.9706



168.2230, -35.1129, 15.5904



163.8430, -25.5586, -15.6483

Triad

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



168.2230, -35.1129, 15.5904



136.2680, 39.8009, -119.5070



176.9620, 11.3577, 43.8833

Complementary

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



168.2230, -35.1129, 15.5904



114.7770, 35.1129, -15.5904

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.



175.5910, 27.3166, 11.7597



168.2230, -35.1129, 15.5904



152.4220, 43.1760, -81.9311

Square

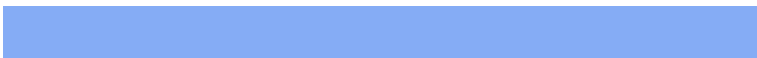
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



168.2230, -35.1129, 15.5904



142.6070, 18.9277, -97.8793



168.6610, 37.6351, -31.2747



174.5930, -5.7153, 59.9929

Rectangle

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



168.2230, -35.1129, 15.5904



159.6750, -14.1368, -39.1800



168.6610, 37.6351, -31.2747



176.8020, 17.3526, 34.3766

Sweetspot

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



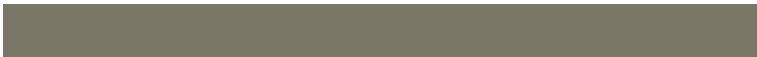
168.2230, -35.1129, 15.5904



235.1890, -13.4042, 5.9732



125.0930, -7.4408, 53.4154



117.9590, -7.8678, 3.5440



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



168.2230, -35.1129, 15.5904



214.5280, -54.4903, 24.0929



166.5850, -34.3054, -10.1600



89.8000, -3.3524, 1.9294



124.7150, -61.4845, 27.4369



22.4600, -11.0728, 4.8586

Inverse Universe

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



114.7770, 35.1129, -15.5904



131.4720, 54.4903, -24.0929



116.4150, 34.3054, 10.1600



84.6130, 3.6418, -1.4146



31.2850, 61.4845, -27.4369



5.5400, 11.0728, -4.8586

Previews

White Background



This preview shows how the YUV color 168.2230, -35.1129, 15.5904 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 168.2230, -35.1129, 15.5904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

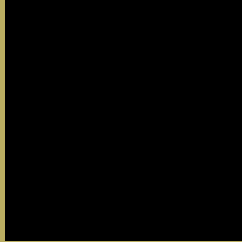
Any Text WCAG AA ✓ Pass

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 168.2230, -35.1129, 15.5904 Background



This preview shows how black text looks on a background with the YUV color 168.2230, -35.1129, 15.5904.



This preview shows how white text looks on a background with the YUV color 168.2230, -35.1129, 15.5904.

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

168.2230, -35.1129, 15.5904

Protanopia

168.5330, -35.2658, 17.9496

Deuteranopia

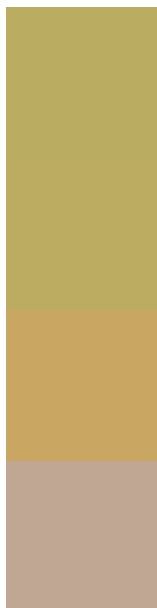
170.0450, -35.0252, 34.1635



Tritanopia

174.4520, 1.2562, 17.1436

Trichromacy



Original Color

168.2230, -35.1129, 15.5904

Protanomaly

168.2340, -35.1184, 17.3348

Deuteranomaly

169.3000, -35.1509, 27.8009

Tritanomaly

172.0100, -11.8369, 16.6542

Monochromacy



Original Color

168.2230, -35.1129, 15.5904

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.3030, -12.9674, 5.8733

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2230, -35.1129, 15.5904 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(186, 173, 97)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 97)  
}
```

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(186, 173, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 97) }
```

Border

The CSS property to change the border of an element to YUV 168.2230, -35.1129, 15.5904 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(186, 173, 97) }
```


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

```
.border{ border-color:rgb(186, 173, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 173, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 97);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 168.2230, -35.1129, 15.5904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 97) }
```

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

```
.background{ background-color: rgb(186,  
173, 97) }
```

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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