

Converting Colors

YUV(108.4830, -36.2271,
-0.4236)

Have a look what the booklet for
YUV(108.4830, -36.2271, -0.4236)
contains.

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Color

**YUV(108.4830, -36.2271,
-0.4236)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7B23
RGB	108, 123, 35
RGB Percent	42%, 48%, 14%
CMY	0.5765, 0.5176, 0.8627
CMYK	0.12, 0.00, 0.72, 0.52
HSL	70°, 56%, 31%
HSV	70°, 72%, 48%
XYZ	13.5707, 17.4754, 4.2479
YIQ	108.4830, 19.3080, -30.5480

Conversions

Conversions Part 2

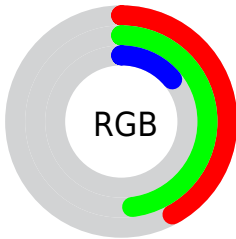
Format	Color
R _Y B	35, 123, 50
Decimal	7109411
CIE Lab	48.85, -18.21, 43.98
CIE LCh	49, 47.605, 112.490
Yxy	17.4754, 0.3845, 0.4951
Android (android.graphics.Color)	4285299491 (0xFF6C7B23)
YUV	108.4830, -36.2271, -0.4236
Hunter-Lab	41.8036, -15.2100, 23.2377

Details

The YUV color **108.4830, -36.2271, -0.4236** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **49.5170, 36.2271, 0.4236**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9670, -36.9587, 0.9059**, and **60.4810, -29.8171, -3.0528** is the 20% darker color. If you saturate the color by 10%, you get **106.5170, -41.1739, -0.4534**, and if you desaturate by 10%, it is **110.4490, -31.2804, -0.3938**.

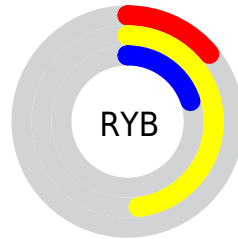
Distribution



Red (42%)

Green (48%)

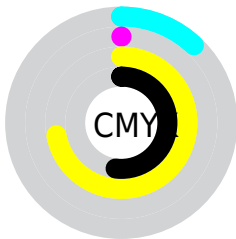
Blue (14%)



Red (14%)

Yellow (48%)

Blue (20%)

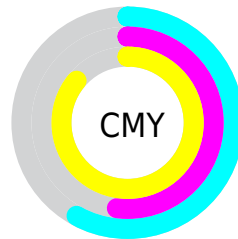


Cyan (12%)

Magenta (0%)

Yellow (72%)

Black (52%)



Cyan (58%)

Magenta (52%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.4830, -36.2271, -0.4236 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 108.4830, -36.2271, -0.4236 by changing the saturation by 10% instead.

■ 108.4830,
-36.2271, -0.4236

■ 108.4830,
-36.2271, -0.4236

■ 255.0000, 0.0000,
0.0000

■ 82.6140, -38.2637,
-0.5385

■ 160.9670,
-36.9587, 0.9059

■ 60.4810, -29.8171,
-3.0528

■ 188.6250,
-38.2691, 1.2059

■ 40.3910, -19.9128,
-6.4819

■ 216.5110,
-38.7059, 1.3059

■ 18.7950, -9.2659,
-14.7292

■ 242.2340,
-38.5694, 4.1798

■ 0.0000, 0.0000,
0.0000

■ 247.8180,
-27.5183, 6.2986

■ 251.0100,

-15.2879, 3.4992

254.3160, -2.6208,
0.5999

108.4830,
-36.2271, -0.4236

108.4830,
-36.2271, -0.4236

106.5170,
-41.1739, -0.4534

110.4490,
-31.2804, -0.3938

104.4370,
-46.5574, -0.3832

112.5290,
-25.8968, -0.4639

102.6990,
-50.6306, -0.6130

114.4950,
-20.9500, -0.4341

116.4610,
-16.0033, -0.4043

118.5410,
-10.6197, -0.4745

■ 120.8060, -5.8204,
0.1701

■ 122.7720, -0.8736,
0.2000

■ 124.7380, 4.0732,
0.2298

■ 126.8180, 9.4567,
0.1596

Harmonies

Analogous

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



111.6440, -40.2505, 30.1302



108.4830, -36.2271, -0.4236



101.3500, -17.9205, -38.8949

Triad

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



108.4830, -36.2271, -0.4236



97.8900, 39.9872, -85.8495



116.5680, 5.6360, 59.1379

Complementary

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



108.4830, -36.2271, -0.4236



49.5170, 36.2271, 0.4236

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.



119.2730, 23.0364, 31.3326



108.4830, -36.2271, -0.4236



95.1320, 49.7279, -83.4308

Square

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



108.4830, -36.2271, -0.4236



95.8890, 24.7047, -84.0947



115.9450, 37.0021, -14.8608



114.0900, -12.8624, 65.6961

Rectangle

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



108.4830, -36.2271, -0.4236



88.9180, 0.5334, -77.9811



115.9450, 37.0021, -14.8608



117.7180, 11.4780, 51.9903

Sweetspot

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



108.4830, -36.2271, -0.4236



155.3300, -13.9667, -0.2894



70.1170, -17.3127, 46.3784



78.4100, -8.5831, -0.3596



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



108.4830, -36.2271, -0.4236



137.9780, -57.1772, -0.8577



95.3270, -29.7412, -27.4738



60.0170, -2.4734, -0.0149



104.4710, -51.5042, -0.4131



210.4150, -103.7346, -1.2410

Inverse Universe

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



49.5170, 36.2271, 0.4236



45.0220, 57.1772, 0.8577



62.6730, 29.7412, 27.4738



55.9830, 2.4734, 0.0149



20.5290, 51.5042, 0.4131



41.5850, 103.7346, 1.2410

Previews

White Background



This preview shows how the YUV color 108.4830, -36.2271, -0.4236 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 108.4830, -36.2271, -0.4236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

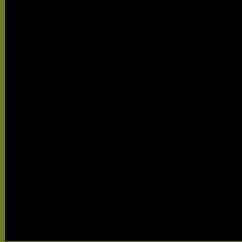
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.4830, -36.2271, -0.4236

Background



This preview shows how black text looks on a background with the YUV color 108.4830, -36.2271, -0.4236.



This preview shows how white text looks on a background with the YUV color 108.4830, -36.2271, -0.4236.

-0.4236.

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

108.4830, -36.2271, -0.4236

Protanopia

110.7240, -38.3179, 16.9051

Deuteranopia

112.4850, -35.7351, 28.5157



Tritanopia

116.6240, 3.6364, 0.3298

Trichromacy



Original Color

108.4830, -36.2271, -0.4236

Protanomaly

110.2070, -37.5701, 10.3425

Deuteranomaly

111.3050, -36.1394, 18.1495

Tritanomaly

113.8400, -10.7671, 0.1403

Monochromacy



Original Color

108.4830, -36.2271, -0.4236

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8570, -13.2405, 0.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.4830, -36.2271, -0.4236 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(108, 123, 35)` looks like.

```
.text, #text, p{  
    color:rgb(108, 123, 35)  
}
```

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(108, 123, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 123, 35) }
```

Border

The CSS property to change the border of an element to YUV 108.4830, -36.2271, -0.4236 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(108, 123, 35) }
```


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

```
.border{ border-color:rgb(108, 123, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 123, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 123, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 123, 35);  
box-shadow:4px 4px 4px 4px rgb(108, 123,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 108.4830, -36.2271, -0.4236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 123, 35) }
```

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

```
.background{ background-color: rgb(108,  
123, 35) }
```

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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