

Converting Colors

YUV(136.8310, -7.3117,
-34.9318)

Have a look what the booklet for
YUV(136.8310, -7.3117, -34.9318)
contains.

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Color

**YUV(136.8310, -7.3117,
-34.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	61A07A
RGB	97, 160, 122
RGB Percent	38%, 63%, 48%
CMY	0.6196, 0.3725, 0.5216
CMYK	0.39, 0.00, 0.24, 0.37
HSL	144°, 25%, 50%
HSV	144°, 39%, 63%
XYZ	21.0134, 29.0881, 22.9194
YIQ	136.8310, -25.3500, -25.1740

Conversions

Conversions Part 2

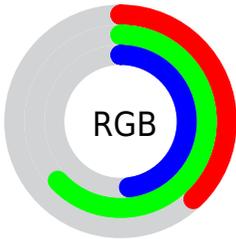
Format	Color
RYB	97, 142, 160
Decimal	6398074
CIELab	60.86, -28.95, 13.54
CIElCh	61, 31.966, 154.931
Yxy	29.0881, 0.2878, 0.3984
Android (android.graphics.Color)	4284588154 (0xFF61A07A)
YUV	136.8310, -7.3117, -34.9318
Hunter-Lab	53.9334, -24.8367, 12.5577

Details

The YUV color **136.8310, -7.3117, -34.9318** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **120.1690, 7.3117, 34.9318**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8910, -8.3273, -35.8614**, and **85.4720, -6.1487, -34.6169** is the 20% darker color. If you saturate the color by 10%, you get **130.9070, -9.3212, -43.7684**, and if you desaturate by 10%, it is **142.7550, -5.3022, -26.0951**.

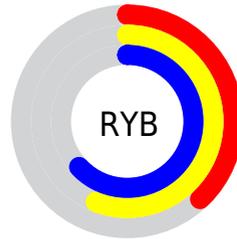
Distribution



Red (38%)

Green (63%)

Blue (48%)



Red (38%)

Yellow (56%)

Blue (63%)

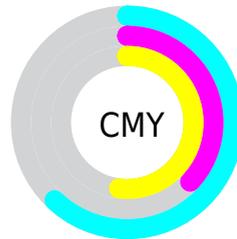


Cyan (39%)

Magenta (0%)

Yellow (24%)

Black (37%)



Cyan (62%)

Magenta (37%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8310, -7.3117, -34.9318 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 136.8310, -7.3117, -34.9318 by changing the saturation by 10% instead.

■ 136.8310, -7.3117,
-34.9318

■ 136.8310, -7.3117,
-34.9318

255.0000, 0.0000,
0.0000

■ 110.9450, -6.8749,
-35.0318

■ 190.8910, -8.3273,
-35.8614

■ 85.4720, -6.1487,
-34.6169

■ 219.4780, -8.6167,
-36.3762

■ 59.5040, -4.6855,
-37.2760

■ 237.4990, -3.6970,
-27.6246

■ 38.5260, -4.6963,
-33.7873

■ 248.7210, 3.0955,
-12.9103

■ 22.8760, -8.8129,
-20.0623

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,

0.0000

■ 136.8310, -7.3117,
-34.9318

■ 136.8310, -7.3117,
-34.9318

■ 130.9070, -9.3212,
-43.7684

■ 142.7550, -5.3022,
-26.0951

■ 125.0970,
-10.8938, -52.7051

■ 148.5650, -3.7295,
-17.1585

■ 119.1730,
-12.9033, -61.5417

■ 154.4890, -1.7201,
-8.3219

■ 113.2490,
-14.9128, -70.3784

■ 160.4130, 0.2894,
0.5148

■ 107.4390,
-16.4854, -79.3150

■ 166.2230, 1.8621,
9.4514

■ 101.5150,
-18.4949, -88.1517

■ 172.1470, 3.8715,
18.2881

■ 101.1020,
-18.7843, -88.6665

■ 178.0710, 5.8810,
27.1247

■ 183.8810, 7.4537,
36.0614

■ 189.8050, 9.4631,
44.8980

Harmonies

Analogous

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



141.5540, -20.4861, -9.2559



136.8310, -7.3117, -34.9318



130.5470, 10.0833, -60.9927

Triad

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



136.8310, -7.3117, -34.9318



144.4030, 28.8883, -25.7864



148.1600, -15.8549, 45.4637

Complementary

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



136.8310, -7.3117, -34.9318



120.1690, 7.3117, 34.9318

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.



149.7760, -3.3406, 44.9234



136.8310, -7.3117, -34.9318



149.6520, 21.3706, 5.5672

Square

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



136.8310, -7.3117, -34.9318



134.3620, 30.8805, -58.1995



150.8310, 9.9433, 30.8432



146.6780, -24.9843, 33.6084

Rectangle

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



136.8310, -7.3117, -34.9318



126.7330, 21.3306, -75.1878



150.8310, 9.9433, 30.8432



149.0830, -12.3659, 46.4082

Sweetspot

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



136.8310, -7.3117, -34.9318



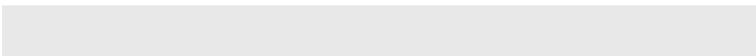
199.8150, -2.8668, -13.8698



145.6420, -23.9805, -8.4560



99.4890, -1.7201, -8.3219



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



136.8310, -7.3117, -34.9318



172.9720, -11.3252, -54.3494



140.3650, 6.2291, -38.0311



76.0380, -1.0047, -4.4183



90.4390, -16.4854, -79.3150



9.4890, -1.7201, -8.3219

Inverse Universe

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



120.1690, 7.3117, 34.9318



147.0280, 11.3252, 54.3494



116.6350, -6.2291, 38.0311



73.9620, 1.0047, 4.4183



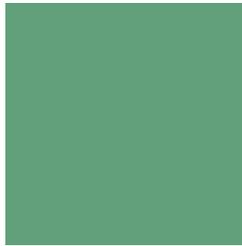
52.5610, 16.4854, 79.3150



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 136.8310, -7.3117, -34.9318 looks on a white background.

Color Contrast Check

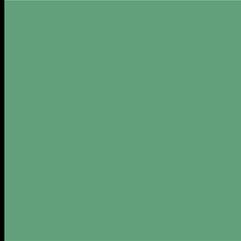
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8310, -7.3117, -34.9318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

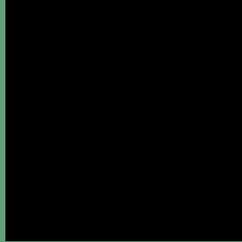
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.8310, -7.3117, -34.9318

Background



This preview shows how black text looks on a background with the YUV color 136.8310, -7.3117, -34.9318.



This preview shows how white text looks on a background with the YUV color 136.8310, -7.3117,

-34.9318.

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

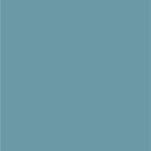
136.8310, -7.3117, -34.9318

Protanopia

145.1570, -14.8674, 8.6323

Deuteranopia

147.0640, -10.3846, 17.4839



Tritanopia

141.3150, 12.1697, -30.0943

Trichromacy



Original Color

136.8310, -7.3117, -34.9318

Protanomaly

142.1550, -11.9084, -7.1519

Deuteranomaly

143.5840, -9.1619, -1.3892

Tritanomaly

139.4690, 5.1918, -31.9833

Monochromacy



Original Color

136.8310, -7.3117, -34.9318

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.6410, -2.2880, -12.8402

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8310, -7.3117, -34.9318 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(97, 160, 122)` looks like.

```
.text, #text, p{  
    color:rgb(97, 160, 122)  
}
```

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(97, 160, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 160, 122) }
```

Border

The CSS property to change the border of an element to YUV 136.8310, -7.3117, -34.9318 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(97, 160, 122) }
```

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

```
.border{ border-color:rgb(97, 160, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 160, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 160, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 160, 122);  
box-shadow:4px 4px 4px 4px rgb(97, 160,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 136.8310, -7.3117, -34.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 160, 122) }
```

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

```
.background{ background-color: rgb(97, 160,  
122) }
```

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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