

Converting Colors

YUV(190.0740, -36.0255,
-18.4819)

Have a look what the booklet for
YUV(190.0740, -36.0255, -18.4819)
contains.

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Color

**YUV(190.0740, -36.0255,
-18.4819)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A9D775 |
| RGB | 169, 215, 117 |
| RGB Percent | 66%, 84%, 46% |
| CMY | 0.3373, 0.1569, 0.5412 |
| CMYK | 0.21, 0.00, 0.46, 0.16 |
| HSL | 88°, 55%, 65% |
| HSV | 88°, 46%, 84% |
| XYZ | 43.8735, 58.3202, 25.7742 |
| YIQ | 190.0740, 4.0420, -40.2300 |

Conversions

Conversions Part 2

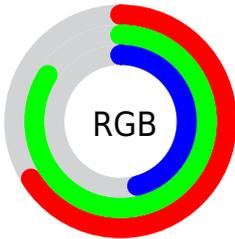
| Format | Color |
|-------------------------------------|--|
| RYB | 117, 215, 163 |
| Decimal | 11130741 |
| CIELab | 80.92, -31.33, 43.38 |
| CIElCh | 81, 53.506, 125.835 |
| Yxy | 58.3202, 0.3428, 0.4557 |
| Android (android.graphics.Color) | 4289320821 (0xFFA9D775) |
| YUV | 190.0740, -36.0255, -18.4819 |
| Hunter-Lab | 76.3677, -31.0946, 33.4469 |

Details

The YUV color **190.0740, -36.0255, -18.4819** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **141.9260, 36.0255, 18.4819**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7530, -32.4162, -9.4304**, and **135.8290, -34.4257, -18.2670** is the 20% darker color. If you saturate the color by 10%, you get **184.5760, -44.1610, -22.4302**, and if you desaturate by 10%, it is **195.5720, -27.8900, -14.5336**.

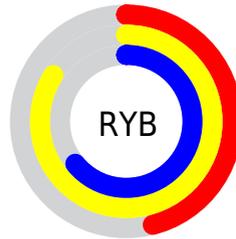
Distribution



Red (66%)

Green (84%)

Blue (46%)



Red (46%)

Yellow (84%)

Blue (64%)

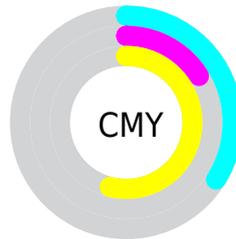


Cyan (21%)

Magenta (0%)

Yellow (46%)

Black (16%)



Cyan (34%)

Magenta (16%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.0740, -36.0255, -18.4819 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 190.0740, -36.0255, -18.4819 by changing the saturation by 10% instead.

■ 190.0740,
-36.0255, -18.4819

■ 190.0740,
-36.0255, -18.4819

255.0000, 0.0000,
0.0000

■ 162.6010,
-35.2993, -18.0671

■ 236.7530,
-32.4162, -9.4304

■ 135.8290,
-34.4257, -18.2670

■ 248.5020,
-24.8975, 5.6987

■ 109.6440,
-33.8415, -18.9818

■ 251.8080,
-12.2303, 2.7994

■ 83.3020, -35.1519,
-18.6819

■ 60.0720, -29.6155,
-21.1111

■ 37.0140, -18.2479,
-27.1993

■ 22.3060, -10.9969,

-19.5624

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 190.0740,
-36.0255, -18.4819

■ 190.0740,
-36.0255, -18.4819

■ 184.5760,
-44.1610, -22.4302

■ 195.5720,
-27.8900, -14.5336

■ 179.1920,
-51.8597, -26.4784

■ 200.9560,
-20.1913, -10.4854

■ 173.6940,
-59.9951, -30.4266

■ 206.4540,
-12.0558, -6.5372

■ 168.3100,
-67.6938, -34.4749

■ 211.8380, -4.3571,
-2.4889

■ 162.8120,
-75.8293, -38.4231

■ 217.3360, 3.7784,
1.4593

■ 160.2910,
-79.0235, -40.5972

■ 223.0190, 11.3296,
6.1223

■ 227.0350, 13.7867,
11.3703

■ 230.0250, 12.3127,
17.5181

■ 231.5200, 11.5756,
20.5920

Harmonies

Analogous

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



195.5370, -48.0857, 23.2081



190.0740, -36.0255, -18.4819



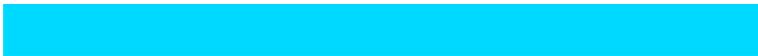
179.4110, -10.5556, -67.8894

Triad

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



190.0740, -36.0255, -18.4819



156.4490, 48.5856, -137.2058



191.5800, 0.7001, 55.6193

Complementary

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



190.0740, -36.0255, -18.4819



141.9260, 36.0255, 18.4819

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.



201.9760, 20.2248, 46.5020



190.0740, -36.0255, -18.4819



188.8950, 32.5898, -46.3889

Square

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



190.0740, -36.0255, -18.4819



161.1450, 46.2705, -141.3242



202.2600, 26.0008, 13.8040



190.8040, -22.5814, 56.2999

Rectangle

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



190.0740, -36.0255, -18.4819



155.1480, 18.1680, -134.3108



202.2600, 26.0008, 13.8040



194.1050, 7.8362, 53.4049

Sweetspot

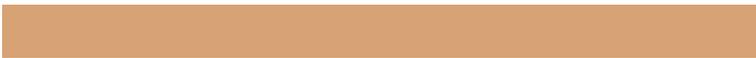
The Sweet Spot groups the original color and five complimentary colors.



190.0740, -36.0255, -18.4819



245.8130, -13.2188, -6.8520



173.3040, -27.7579, 36.5674



122.2030, -7.9881, -4.5630



0.0000, 0.0000, 0.0000



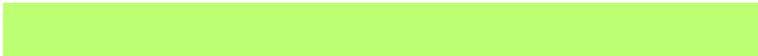
128.0000, 0.0000, 0.0000

Same Dimension

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



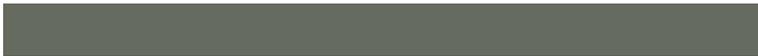
190.0740, -36.0255, -18.4819



219.3060, -51.4229, -26.5784



175.4230, -28.8025, -48.6060



104.2510, -4.0677, -1.9741



127.5860, -62.8999, -32.0859



32.1180, -15.8342, -7.9965

Inverse Universe

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



141.9260, 36.0255, 18.4819



150.6940, 51.4229, 26.5784



156.5770, 28.8025, 48.6060



98.7490, 4.0677, 1.9741



43.4140, 62.8999, 32.0859



10.8820, 15.8342, 7.9965

Previews

White Background



This preview shows how the YUV color 190.0740, -36.0255, -18.4819 looks on a white background.

Color Contrast Check

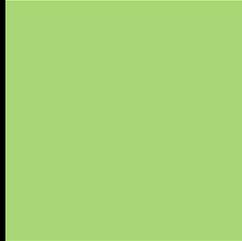
Large Text (above 18pt) WCAG AA × Fail

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 190.0740, -36.0255, -18.4819 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 190.0740, -36.0255, -18.4819 Background



This preview shows how black text looks on a background with the YUV color 190.0740, -36.0255, -18.4819.



This preview shows how white text looks on a background with the YUV color 190.0740, -36.0255, -18.4819.

-18.4819.

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

190.0740, -36.0255, -18.4819

Protanopia

195.9480, -41.3864, 21.0936

Deuteranopia

198.4970, -37.2200, 38.1521



Tritanopia

198.8440, 9.9369, -13.8952

Trichromacy



Original Color

190.0740, -36.0255, -18.4819

Protanomaly

193.4300, -39.1590, 6.6389

Deuteranomaly

195.4790, -36.7181, 17.1199

Tritanomaly

195.4790, -6.6451, -15.3291

Monochromacy



Original Color

190.0740, -36.0255, -18.4819

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.8130, -13.2188, -6.8520

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.0740, -36.0255, -18.4819 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(169, 215, 117)` looks like.

```
.text, #text, p{  
    color:rgb(169, 215, 117)  
}
```

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(169, 215, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 215, 117) }
```

Border

The CSS property to change the border of an element to YUV 190.0740, -36.0255, -18.4819 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(169, 215, 117) }
```


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

```
.border{ border-color:rgb(169, 215, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 215, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 215, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 215, 117);  
box-shadow:4px 4px 4px 4px rgb(169, 215,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 190.0740, -36.0255, -18.4819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 215, 117) }
```

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

```
.background{ background-color: rgb(169,  
215, 117) }
```

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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