

Converting Colors

YUV(168.1490, -16.3425,
-31.7027)

Have a look what the booklet for
YUV(168.1490, -16.3425, -31.7027)
contains.

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Color

**YUV(168.1490, -16.3425,
-31.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	84C187
RGB	132, 193, 135
RGB Percent	52%, 76%, 53%
CMY	0.4824, 0.2431, 0.4706
CMYK	0.32, 0.00, 0.30, 0.24
HSL	123°, 33%, 64%
HSV	123°, 32%, 76%
XYZ	32.9589, 44.7947, 29.8308
YIQ	168.1490, -17.7380, -30.9700

Conversions

Conversions Part 2

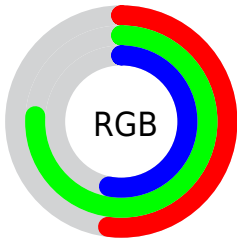
Format	Color
RYB	132, 190, 193
Decimal	8700295
CIELab	72.76, -31.30, 23.13
CIELCh	73, 38.917, 143.531
Yxy	44.7947, 0.3064, 0.4164
Android (android.graphics.Color)	4286890375 (0xFF84C187)
YUV	168.1490, -16.3425, -31.7027
Hunter-Lab	66.9289, -29.2239, 20.4241

Details

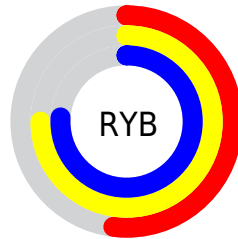
The YUV color **168.1490, -16.3425, -31.7027** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **156.8510, 16.3425, 31.7027**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2090, -17.3580, -32.6323**, and **115.2030, -14.8901, -30.8730** is the 20% darker color. If you saturate the color by 10%, you get **160.4160, -21.4041, -41.5838**, and if you desaturate by 10%, it is **175.8820, -11.2808, -21.8215**.

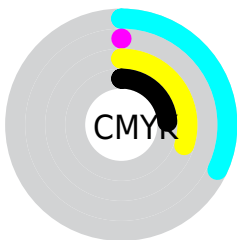
Distribution



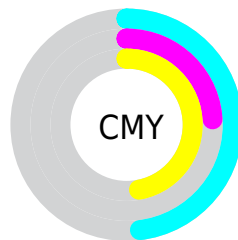
- Red (52%)
- Green (76%)
- Blue (53%)



- Red (52%)
- Yellow (75%)
- Blue (76%)



- Cyan (32%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)



- Cyan (48%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.1490, -16.3425, -31.7027 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 168.1490, -16.3425, -31.7027 by changing the saturation by 10% instead.

■ 168.1490,
-16.3425, -31.7027

■ 168.1490,
-16.3425, -31.7027

■ 255.0000, 0.0000,
0.0000

■ 141.5620,
-16.0531, -31.1879

■ 224.2090,
-17.3580, -32.6323

■ 115.2030,
-14.8901, -30.8730

■ 238.5940,
-11.1388, -20.6919

■ 89.4310, -14.0165,
-31.0730

■ 250.5710, -2.7465,
-5.7628

■ 64.3600, -12.9955,
-31.8877

■ 39.5060, -11.0955,
-34.6468

■ 24.6540, -12.1544,
-21.6216

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 168.1490,
-16.3425, -31.7027

■ 168.1490,
-16.3425, -31.7027

■ 160.4160,
-21.4041, -41.5838

■ 175.8820,
-11.2808, -21.8215

■ 152.2700,
-26.7551, -51.9798

■ 184.0280, -5.9298,
-11.4256

■ 144.5370,
-31.8167, -61.8609

■ 191.7610, -0.8682,
-1.5444

■ 136.8040,
-36.8784, -71.7421

■ 199.4940, 4.1935,
8.3368

■ 128.9570,
-42.3768, -81.5233

■ 207.6400, 9.5445,
18.7327

■ 120.9250,
-47.2910, -92.0192

■ 215.3730, 14.6061,
28.6139

■ 114.3170,
-51.9213, -100.2560

■ 218.6060, 17.9422,
31.9175

Harmonies

Analogous

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



173.0900, -30.1174, -0.0789



168.1490, -16.3425, -31.7027



160.3200, 4.2792, -66.0556

Triad

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



168.1490, -16.3425, -31.7027



170.1810, 38.8578, -50.1477



180.7040, -14.1511, 59.0186

Complementary

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



168.1490, -16.3425, -31.7027



156.8510, 16.3425, 31.7027

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.



182.4270, 2.7475, 52.2455



168.1490, -16.3425, -31.7027



180.2080, 31.4495, -7.1984

Square

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



168.1490, -16.3425, -31.7027



154.7320, 39.5721, -92.7270



183.1110, 18.6793, 28.8437



178.7940, -27.5064, 49.2927

Rectangle

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



168.1490, -16.3425, -31.7027



153.2920, 20.0690, -90.5871



183.1110, 18.6793, 28.8437



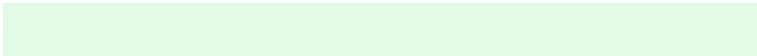
181.4850, -8.6201, 58.3337

Sweetspot

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



168.1490, -16.3425, -31.7027



240.7290, -5.7824, -12.0403



185.4480, -26.3499, 4.8691



119.3320, -3.6147, -7.3072



252.0000, 0.0000, 0.0000



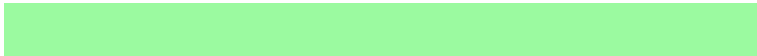
125.0000, 0.0000, 0.0000

Same Dimension

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



168.1490, -16.3425, -31.7027



211.3350, -25.3082, -49.4058



171.5690, -3.2385, -34.7020



92.9840, -2.4571, -5.2480



95.4190, -43.0976, -83.6825



19.5990, -8.6763, -17.1883

Inverse Universe

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



156.8510, 16.3425, 31.7027



193.6650, 25.3082, 49.4058



153.4310, 3.2385, 34.7020



91.0160, 2.4571, 5.2480



65.5810, 43.0976, 83.6825



13.5150, 9.1131, 17.0883

Previews

White Background



This preview shows how the YUV color 168.1490, -16.3425, -31.7027 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 168.1490, -16.3425, -31.7027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

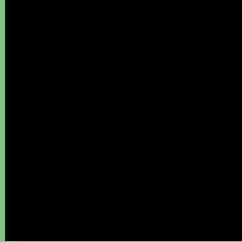
Any Text WCAG AA ✓ Pass

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 168.1490, -16.3425, -31.7027 Background



This preview shows how black text looks on a background with the YUV color 168.1490, -16.3425, -31.7027.



This preview shows how white text looks on a background with the YUV color 168.1490, -16.3425, -31.7027.

-31.7027.

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

168.1490, -16.3425, -31.7027

Protanopia

176.1870, -23.7562, 12.9910

Deuteranopia

178.5290, -18.9948, 25.8461



Tritanopia

174.4510, 12.5957, -26.7055

Trichromacy



Original Color

168.1490, -16.3425, -31.7027

Protanomaly

173.1850, -20.7972, -2.7932

Deuteranomaly

174.6250, -18.0561, 4.7139

Tritanomaly

172.2800, 1.8340, -28.3096

Monochromacy



Original Color

168.1490, -16.3425, -31.7027

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0280, -5.9298, -11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1490, -16.3425, -31.7027 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(132, 193, 135)` looks like.

```
.text, #text, p{  
    color:rgb(132, 193, 135)  
}
```

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(132, 193, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 193, 135) }
```

Border

The CSS property to change the border of an element to YUV 168.1490, -16.3425, -31.7027 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(132, 193, 135) }
```


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

```
.border{ border-color:rgb(132, 193, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 193, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 193, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 193, 135); box-shadow:4px 4px 4px 4px rgb(132, 193, 135) }
```

Background

The CSS property to change the background color of an element to YUV 168.1490, -16.3425, -31.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 193, 135) }
```

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

```
.background{ background-color: rgb(132,  
193, 135) }
```

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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