

Converting Colors

YUV(168.9290, -2.4300,
-13.9697)

Have a look what the booklet for
YUV(168.9290, -2.4300, -13.9697)
contains.

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Color

**YUV(168.9290, -2.4300,
-13.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	99B2A4
RGB	153, 178, 164
RGB Percent	60%, 70%, 64%
CMY	0.4000, 0.3020, 0.3569
CMYK	0.14, 0.00, 0.08, 0.30
HSL	146°, 14%, 65%
HSV	146°, 14%, 70%
XYZ	35.7581, 41.2934, 41.2077
YIQ	168.9290, -10.4060, -9.6540

Conversions

Conversions Part 2

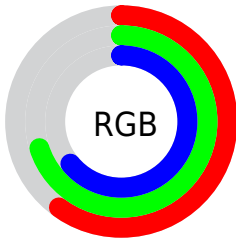
Format	Color
RYB	153, 170, 178
Decimal	10072740
CIELab	70.38, -11.38, 4.27
CIELCh	70, 12.154, 159.453
Yxy	41.2934, 0.3024, 0.3492
Android (android.graphics.Color)	4288262820 (0xFF99B2A4)
YUV	168.9290, -2.4300, -13.9697
Hunter-Lab	64.2600, -13.1268, 6.9613

Details

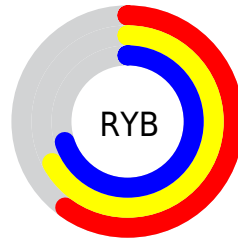
The YUV color $168.9290, -2.4300, -13.9697$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $162.0710, 2.4300, 13.9697$, and the grayscale version is $169.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.2170, -2.5720, -15.0993$, and $116.6410, -2.2880, -12.8402$ is the 20% darker color. If you saturate the color by 10%, you get $162.4070, -4.1447, -24.0359$, and if you desaturate by 10%, it is $175.4510, -0.7153, -3.9035$.

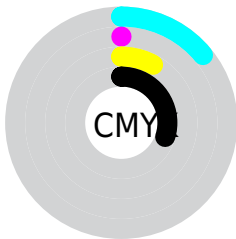
Distribution



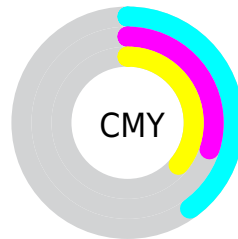
- Red (60%)
- Green (70%)
- Blue (64%)



- Red (60%)
- Yellow (67%)
- Blue (70%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)



- Cyan (40%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.9290, -2.4300, -13.9697 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 168.9290, -2.4300, -13.9697 by changing the saturation by 10% instead.

■ 168.9290, -2.4300,
-13.9697

■ 168.9290, -2.4300,
-13.9697

255.0000, 0.0000,
0.0000

■ 142.3420, -2.1406,
-13.4549

■ 224.2170, -2.5720,
-15.0993

■ 116.6410, -2.2880,
-12.8402

■ 248.4070, -0.6937,
-10.8809

■ 92.0540, -1.9986,
-12.3254

■ 68.1680, -1.5618,
-12.4253

■ 46.1680, -1.5618,
-12.4253

■ 24.8800, -1.4198,
-11.2958

■ 1.7610, -0.8682,

-1.5444

■ 0.0000, 0.0000,
0.0000

■ 168.9290, -2.4300,
-13.9697

■ 168.9290, -2.4300,
-13.9697

■ 162.4070, -4.1447,
-24.0359

■ 175.4510, -0.7153,
-3.9035

■ 155.8850, -5.8593,
-34.1021

■ 181.9730, 0.9993,
6.1627

■ 149.6620, -7.7214,
-43.5536

■ 188.1960, 2.8614,
15.6141

■ 143.1400, -9.4360,
-53.6198

■ 194.7180, 4.5760,
25.6803

■ 136.6180,
-11.1507, -63.6860

■ 201.2400, 6.2907,
35.7465

■ 130.0960,
-12.8653, -73.7522

■ 206.2670, 8.7424,
42.7388

■ 123.5740,
-14.5800, -83.8184

■ 207.4070, 13.1103,
41.7391

■ 117.3510,
-16.4420, -93.2698

■ 208.5470, 17.4783,
40.7393

■ 113.3780,
-17.4414, -99.4325

■ 209.6870, 21.8463,
39.7395

Harmonies

Analogous

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



170.3170, -7.5513, -4.6630



168.9290, -2.4300, -13.9697



168.3780, 3.2646, -20.5025

Triad

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



168.9290, -2.4300, -13.9697



172.4150, 10.6414, -6.5030



173.8730, -7.3324, 18.5284

Complementary

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



168.9290, -2.4300, -13.9697



162.0710, 2.4300, 13.9697

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.



174.4260, -2.6750, 18.0434



168.9290, -2.4300, -13.9697



173.6830, 7.5513, 4.6630

Square

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



168.9290, -2.4300, -13.9697



170.0610, 10.8159, -15.8395



174.1850, 2.8668, 13.8698



172.7430, -10.2263, 13.3804

Rectangle

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



168.9290, -2.4300, -13.9697



168.2900, 6.7590, -21.3023



174.1850, 2.8668, 13.8698



173.9270, -5.8800, 19.3580

Sweetspot

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



168.9290, -2.4300, -13.9697



228.7390, -0.8573, -5.0331



171.8610, -9.2985, -4.2631



114.8640, -0.4260, -3.3887



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



168.9290, -2.4300, -13.9697



217.8310, -3.8607, -21.7768



170.2970, 2.8116, -15.1695



85.7390, -0.8573, -5.0331



97.4490, -15.0114, -85.4628



16.5160, -2.7194, -14.4845

Inverse Universe

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



162.0710, 2.4300, 13.9697



207.1690, 3.8607, 21.7768



160.7030, -2.8116, 15.1695



83.2610, 0.8573, 5.0331



55.5510, 15.0114, 85.4628



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 168.9290, -2.4300, -13.9697 looks on a white background.

Color Contrast Check

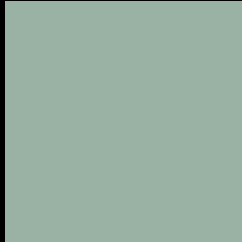
Large Text (above 18pt) WCAG AA × Fail

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 168.9290, -2.4300, -13.9697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

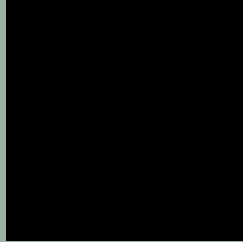
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.9290, -2.4300, -13.9697

Background



This preview shows how black text looks on a background with the YUV color 168.9290, -2.4300, -13.9697.



This preview shows how white text looks on a background with the YUV color 168.9290, -2.4300, -13.9697.

-13.9697.

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

168.9290, -2.4300, -13.9697

Protanopia

171.8390, -5.8366, 5.4032

Deuteranopia

173.1760, -3.5378, 14.7546



Tritanopia

170.5130, 8.6211, -11.8509

Trichromacy



Original Color

168.9290, -2.4300, -13.9697

Protanomaly

171.0230, -4.9413, -1.7742

Deuteranomaly

171.5230, -3.2158, 4.8033

Tritanomaly

169.7750, 4.5479, -12.0807

Monochromacy



Original Color

168.9290, -2.4300, -13.9697

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.7390, -0.8573, -5.0331

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9290, -2.4300, -13.9697 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(153, 178, 164)` looks like.

```
.text, #text, p{  
    color:rgb(153, 178, 164)  
}
```

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(153, 178, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 178, 164) }
```

Border

The CSS property to change the border of an element to YUV 168.9290, -2.4300, -13.9697 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(153, 178, 164) }
```


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

```
.border{ border-color:rgb(153, 178, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 178, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 178, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 178, 164);  
box-shadow:4px 4px 4px 4px rgb(153, 178,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 168.9290, -2.4300, -13.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 178, 164) }
```

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

```
.background{ background-color: rgb(153,  
178, 164) }
```

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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