

Converting Colors

YUV(187.1000, -15.3323,
-29.0287)

Have a look what the booklet for
YUV(187.1000, -15.3323, -29.0287)
contains.

YUV(187.1000, -15.3323, -29.0287)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(187.1000, -15.3323,
-29.0287)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD29C
RGB	154, 210, 156
RGB Percent	60%, 82%, 61%
CMY	0.3961, 0.1765, 0.3882
CMYK	0.27, 0.00, 0.26, 0.18
HSL	122°, 38%, 71%
HSV	122°, 27%, 82%
XYZ	42.3738, 55.3635, 39.9054
YIQ	187.1000, -16.0420, -28.6660

Conversions

Conversions Part 2

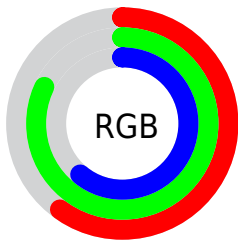
Format	Color
RYB	154, 208, 210
Decimal	10146460
CIELab	79.25, -28.60, 21.10
CIELCh	79, 35.537, 143.581
Yxy	55.3635, 0.3079, 0.4022
Android (android.graphics.Color)	4288336540 (0xFF9AD29C)
YUV	187.1000, -15.3323, -29.0287
Hunter-Lab	74.4067, -28.5579, 20.2866

Details

The YUV color **187.1000, -15.3323, -29.0287** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **176.9000, 15.3323, 29.0287**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.2300, -12.4384, -23.8807**, and **133.0400, -14.3167, -28.0991** is the 20% darker color. If you saturate the color by 10%, you get **178.5410, -20.9727, -39.9395**, and if you desaturate by 10%, it is **195.6590, -9.6919, -18.1179**.

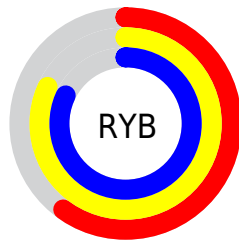
Distribution



Red (60%)

Green (82%)

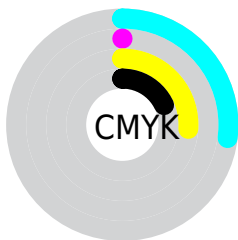
Blue (61%)



Red (60%)

Yellow (82%)

Blue (82%)

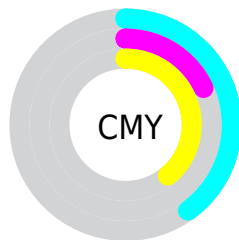


Cyan (27%)

Magenta (0%)

Yellow (26%)

Black (18%)



Cyan (40%)

Magenta (18%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1000, -15.3323, -29.0287 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 187.1000, -15.3323, -29.0287 by changing the saturation by 10% instead.

■ 187.1000,
-15.3323, -29.0287

■ 187.1000,
-15.3323, -29.0287

255.0000, 0.0000,
0.0000

■ 159.6270,
-14.6061, -28.6139

■ 236.2300,
-12.4384, -23.8807

■ 133.0400,
-14.3167, -28.0991

■ 248.0930, -4.4828,
-8.8516

■ 107.5670,
-13.5905, -27.6843

■ 82.7950, -12.7169,
-27.8842

■ 57.7240, -11.6959,
-28.6989

■ 34.3540, -10.5275,
-30.1285

■ 20.5450, -10.1287,

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 187.1000,
-15.3323, -29.0287

■ 187.1000,
-15.3323, -29.0287

■ 178.5410,
-20.9727, -39.9395

■ 195.6590, -9.6919,
-18.1179

■ 169.9820,
-26.6131, -50.8502

■ 204.2180, -4.0515,
-7.2072

■ 161.3090,
-32.6903, -61.6610

■ 212.8910, 2.0257,
3.6036

■ 152.7500,
-38.3308, -72.5717

■ 221.4500, 7.6662,
14.5144

■ 144.1910,
-43.9712, -83.4825

■ 228.5850, 13.0226,
23.1660

■ 135.6320,
-49.6116, -94.3933

■ 126.9590,
-55.6888, -105.2040

■ 124.1820,
-57.2777, -108.9076

Harmonies

Analogous

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



191.3720, -27.7914, 0.5508



187.1000, -15.3323, -29.0287



181.4350, 3.2365, -58.2635

Triad

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



187.1000, -15.3323, -29.0287



189.8030, 32.1421, -42.8002



197.2900, -12.9610, 50.6117

Complementary

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



187.1000, -15.3323, -29.0287



176.9000, 15.3323, 29.0287

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.



200.5790, 2.1796, 47.7272



187.1000, -15.3323, -29.0287



197.7090, 28.2445, -5.8838

Square

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



187.1000, -15.3323, -29.0287



180.3600, 33.8395, -73.9837



201.3450, 17.0849, 26.8844



197.7120, -26.4800, 46.7336

Rectangle

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



187.1000, -15.3323, -29.0287



177.4790, 16.5259, -74.0881



201.3450, 17.0849, 26.8844



197.9570, -7.8668, 50.0267

Sweetspot

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



187.1000, -15.3323, -29.0287



246.7400, -5.7878, -10.2960



203.0180, -24.1659, 4.3692



122.6310, -3.7621, -6.6924



0.0000, 0.0000, 0.0000



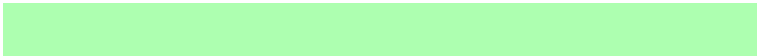
128.0000, 0.0000, 0.0000

Same Dimension

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



187.1000, -15.3323, -29.0287



221.4760, -22.4197, -42.5135



190.2920, -3.1020, -31.8281



100.4570, -3.1833, -5.6628



99.3000, -45.9969, -87.0861



24.1810, -11.4282, -21.2067

Inverse Universe

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



176.9000, 15.3323, 29.0287



206.5240, 22.4197, 42.5135



173.7080, 3.1020, 31.8281



98.4290, 2.7465, 5.7628



68.7000, 45.9969, 87.0861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 187.1000, -15.3323, -29.0287 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 187.1000, -15.3323, -29.0287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

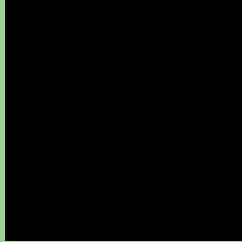
Any Text WCAG AA ✓ Pass

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 187.1000, -15.3323, -29.0287 Background



This preview shows how black text looks on a background with the YUV color 187.1000, -15.3323, -29.0287.



This preview shows how white text looks on a background with the YUV color 187.1000, -15.3323, -29.0287.

-29.0287.

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

187.1000, -15.3323, -29.0287

Protanopia

193.9420, -22.1564, 13.2059

Deuteranopia

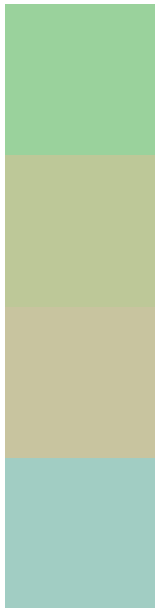
196.5830, -17.5424, 26.6757



Tritanopia

192.7610, 12.4428, -24.3464

Trichromacy



Original Color

187.1000, -15.3323, -29.0287

Protanomaly

191.2390, -19.3448, -1.9636

Deuteranomaly

192.9780, -16.7512, 6.1583

Tritanomaly

190.7040, 2.1179, -26.0504

Monochromacy



Original Color

187.1000, -15.3323, -29.0287

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8540, -5.3510, -10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1000, -15.3323, -29.0287 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(154, 210, 156)` looks like.

```
.text, #text, p{  
    color:rgb(154, 210, 156)  
}
```

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(154, 210, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 210, 156) }
```

Border

The CSS property to change the border of an element to YUV 187.1000, -15.3323, -29.0287 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(154, 210, 156) }
```


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

```
.border{ border-color:rgb(154, 210, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 210, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 210, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 210, 156);  
box-shadow:4px 4px 4px 4px rgb(154, 210,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 187.1000, -15.3323, -29.0287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 210, 156) }
```

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

```
.background{ background-color: rgb(154,  
210, 156) }
```

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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