

Converting Colors

YUV(163.8120, -15.1903,
-27.8991)

Have a look what the booklet for
YUV(163.8120, -15.1903, -27.8991)
contains.

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Color

**YUV(163.8120, -15.1903,
-27.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	84BA85
RGB	132, 186, 133
RGB Percent	52%, 73%, 52%
CMY	0.4824, 0.2706, 0.4784
CMYK	0.29, 0.00, 0.28, 0.27
HSL	121°, 28%, 62%
HSV	121°, 29%, 73%
XYZ	31.3083, 41.7168, 28.5923
YIQ	163.8120, -15.1710, -27.9310

Conversions

Conversions Part 2

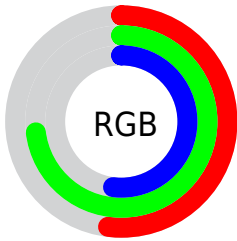
Format	Color
RYB	132, 185, 186
Decimal	8698501
CIELab	70.68, -28.29, 21.37
CIElCh	71, 35.451, 142.937
Yxy	41.7168, 0.3081, 0.4105
Android (android.graphics.Color)	4286888581 (0xFF84BA85)
YUV	163.8120, -15.1903, -27.8991
Hunter-Lab	64.5885, -26.5049, 18.9652

Details

The YUV color **163.8120, -15.1903, -27.8991** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **154.1880, 15.1903, 27.8991**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8720, -16.2059, -28.8287**, and **111.4530, -14.0273, -27.5843** is the 20% darker color. If you saturate the color by 10%, you get **156.0790, -20.2519, -37.7803**, and if you desaturate by 10%, it is **171.5450, -10.1287, -18.0180**.

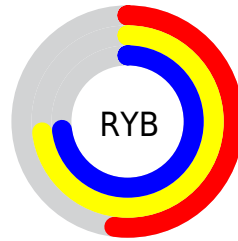
Distribution



Red (52%)

Green (73%)

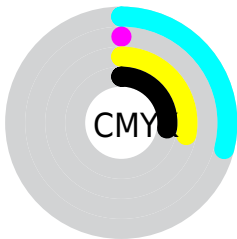
Blue (52%)



Red (52%)

Yellow (73%)

Blue (73%)

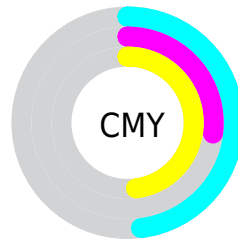


Cyan (29%)

Magenta (0%)

Yellow (28%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8120, -15.1903, -27.8991 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 163.8120, -15.1903, -27.8991 by changing the saturation by 10% instead.

■ 163.8120,
-15.1903, -27.8991

■ 163.8120,
-15.1903, -27.8991

255.0000, 0.0000,
0.0000

■ 137.3390,
-14.4641, -27.4843

■ 218.8720,
-16.2059, -28.8287

■ 111.4530,
-14.0273, -27.5843

■ 238.0670,
-11.8650, -21.1068

■ 86.0940, -12.8643,
-27.2694

■ 250.0440, -3.4727,
-6.1776

■ 61.3220, -11.9907,
-27.4694

■ 36.7560, -10.2327,
-31.3580

■ 21.7190, -10.7075,
-19.0476

■ 2.9350, -1.4470,

-2.5740

■ 0.0000, 0.0000,
0.0000

■ 163.8120,
-15.1903, -27.8991

■ 163.8120,
-15.1903, -27.8991

■ 156.0790,
-20.2519, -37.7803

■ 171.5450,
-10.1287, -18.0180

■ 148.5310,
-25.8978, -46.9467

■ 179.0930, -4.4828,
-8.8516

■ 140.7980,
-30.9594, -56.8278

■ 186.8260, 0.5788,
1.0296

■ 133.3640,
-36.1685, -66.0942

■ 194.2600, 5.7878,
10.2960

■ 125.6310,
-41.2301, -75.9754

■ 201.9930, 10.8495,
20.1771

■ 117.7840,
-46.7285, -85.7566

■ 209.8400, 16.3479,
29.9583

■ 110.3500,
-51.9375, -95.0229

■ 214.4970, 19.9680,
35.5211

■ 109.5240,
-52.5163, -96.0525

Harmonies

Analogous

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



168.4860, -27.3546, 0.4508



163.8120, -15.1903, -27.8991



157.7340, 3.0891, -57.6487

Triad

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



163.8120, -15.1903, -27.8991



165.7750, 34.6209, -44.5297



175.0130, -12.8244, 53.4856

Complementary

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



163.8120, -15.1903, -27.8991



154.1880, 15.1903, 27.8991

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.



176.9810, 2.4744, 46.4977



163.8120, -15.1903, -27.8991



174.1110, 28.5393, -7.1133

Square

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



163.8120, -15.1903, -27.8991



154.3380, 33.8504, -77.4724



177.3340, 17.0903, 25.1401



173.4560, -24.8748, 45.2041

Rectangle

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



163.8120, -15.1903, -27.8991



152.4680, 16.5313, -75.8324



177.3340, 17.0903, 25.1401



175.6800, -7.7302, 52.9006

Sweetspot

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



163.8120, -15.1903, -27.8991



233.0280, -5.9298, -11.4256



179.5450, -23.4397, 4.7840



116.6310, -3.7621, -6.6924



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



163.8120, -15.1903, -27.8991



207.1230, -23.7246, -43.9579



166.8900, -3.3968, -30.5985



88.2830, -2.6045, -4.6332



91.9140, -43.8346, -80.6086



16.5500, -7.6662, -14.5144

Inverse Universe

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



154.1880, 15.1903, 27.8991



191.9910, 24.1614, 43.8579



151.1100, 3.3968, 30.5985



86.7170, 2.6045, 4.6332



64.0860, 43.8346, 80.6086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 163.8120, -15.1903, -27.8991 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 163.8120, -15.1903, -27.8991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

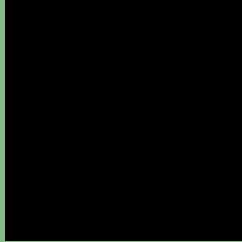
Any Text WCAG AA ✓ Pass

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 163.8120, -15.1903, -27.8991 Background



This preview shows how black text looks on a background with the YUV color 163.8120, -15.1903, -27.8991.



This preview shows how white text looks on a background with the YUV color 163.8120, -15.1903, -27.8991.

-27.8991.

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

163.8120, -15.1903, -27.8991

Protanopia

170.7570, -21.5722, 12.4911

Deuteranopia

172.5720, -17.5370, 24.9314



Tritanopia

169.2450, 11.7112, -23.0169

Trichromacy



Original Color

163.8120, -15.1903, -27.8991

Protanomaly

168.2390, -19.3448, -1.9636

Deuteranomaly

169.6790, -16.6037, 5.5435

Tritanomaly

167.3020, 1.8231, -24.8209

Monochromacy



Original Color

163.8120, -15.1903, -27.8991

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8540, -5.3510, -10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8120, -15.1903, -27.8991 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, 186, 133)` looks like.

```
.text, #text, p{  
    color:rgb(132, 186, 133)  
}
```

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, 186, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 186, 133) }
```

Border

The CSS property to change the border of an element to YUV 163.8120, -15.1903, -27.8991 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, 186, 133) }
```


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

```
.border{ border-color:rgb(132, 186, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 186, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 186, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 186, 133);  
box-shadow:4px 4px 4px 4px rgb(132, 186,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 163.8120, -15.1903, -27.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 186, 133) }
```

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

```
.background{ background-color: rgb(132,  
186, 133) }
```

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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