

Converting Colors

YUV(137.9280, 15.8115,
-31.5089)

Have a look what the booklet for
YUV(137.9280, 15.8115, -31.5089)
contains.

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Color

**YUV(137.9280, 15.8115,
-31.5089)**

Conversions

Conversions Part 1

Format	Color
Hex	6696AA
RGB	102, 150, 170
RGB Percent	40%, 59%, 67%
CMY	0.6000, 0.4118, 0.3333
CMYK	0.40, 0.12, 0.00, 0.33
HSL	198°, 29%, 53%
HSV	198°, 40%, 67%
XYZ	23.6415, 27.5398, 42.0999
YIQ	137.9280, -35.0280, -3.9560

Conversions

Conversions Part 2

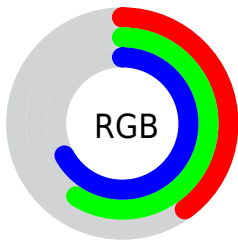
Format	Color
RYB	102, 130, 170
Decimal	6723242
CIELab	59.47, -10.86, -15.58
CIELCh	59, 18.991, 235.134
Yxy	27.5398, 0.2534, 0.2952
Android (android.graphics.Color)	4284913322 (0xFF6696AA)
YUV	137.9280, 15.8115, -31.5089
Hunter-Lab	52.4783, -11.4227, -10.8296

Details

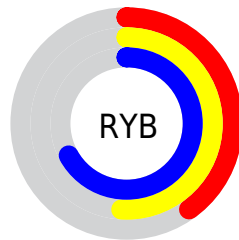
The YUV color **137.9280, 15.8115, -31.5089** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **134.0720, -15.8115, 31.5089**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0420, 16.2483, -31.6088**, and **86.5150, 15.5221, -32.0237** is the 20% darker color. If you saturate the color by 10%, you get **129.9100, 19.7644, -39.3861**, and if you desaturate by 10%, it is **145.9460, 11.8586, -23.6316**.

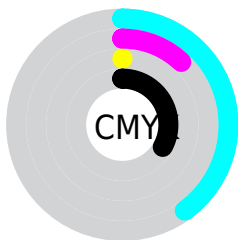
Distribution



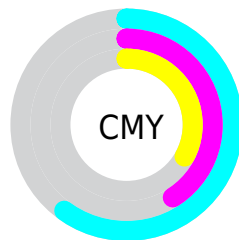
- Red (40%)
- Green (59%)
- Blue (67%)



- Red (40%)
- Yellow (51%)
- Blue (67%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.9280, 15.8115, -31.5089 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 137.9280, 15.8115, -31.5089 by changing the saturation by 10% instead.

■ 137.9280, 15.8115,
-31.5089

■ 137.9280, 15.8115,
-31.5089

■ 255.0000, 0.0000,
0.0000

■ 111.8140, 15.3747,
-31.4089

■ 192.0420, 16.2483,
-31.6088

■ 86.5150, 15.5221,
-32.0237

■ 219.8570, 16.8325,
-32.3236

■ 60.9060, 15.8223,
-34.9976

■ 242.1430, 6.3385,
-26.4354

■ 39.0910, 15.2381,
-34.2828

■ 250.8140, 2.0637,
-8.6069

■ 23.5550, 11.5584,
-20.6577

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 137.9280, 15.8115,
-31.5089

■ 137.9280, 15.8115,
-31.5089

■ 129.9100, 19.7644,
-39.3861

■ 145.9460, 11.8586,
-23.6316

■ 121.8920, 23.7172,
-47.2633

■ 153.9640, 7.9057,
-15.7544

■ 113.8740, 27.6701,
-55.1405

■ 161.9820, 3.9529,
-7.8772

■ 105.8560, 31.6230,
-63.0177

■ 170.0000, 0.0000,
0.0000

■ 97.8380, 35.5759,
-70.8949

■ 178.0180, -3.9529,
7.8772

■ 89.8200, 39.5287,
-78.7721

■ 186.0360, -7.9057,
15.7544

■ 194.0540,
-11.8586, 23.6316

■ 202.0720,
-15.8115, 31.5089

■ 210.0900,
-19.7644, 39.3861

Harmonies

Analogous

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



136.1250, 10.2914, -34.3126



137.9280, 15.8115, -31.5089



141.6460, 16.9365, -18.9835

Triad

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



137.9280, 15.8115, -31.5089



146.5670, 0.2135, 24.9357



140.7430, -13.6773, 0.2254

Complementary

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



137.9280, 15.8115, -31.5089



134.0720, -15.8115, 31.5089

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.



142.5490, -16.0467, 13.5505



137.9280, 15.8115, -31.5089



145.5260, -7.6543, 28.4797

Square

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



137.9280, 15.8115, -31.5089



146.1510, 7.8136, 13.8996



144.4840, -14.0426, 24.1315



139.2510, -7.5187, -15.1291

Rectangle

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



137.9280, 15.8115, -31.5089



143.6690, 15.4462, -7.6027



144.4840, -14.0426, 24.1315



141.7220, -15.1459, 4.6288

Sweetspot

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



137.9280, 15.8115, -31.5089



209.2310, 6.2951, -12.4806



144.0820, -11.3794, -36.9059



104.8680, 3.5161, -7.7772



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



137.9280, 15.8115, -31.5089



171.8100, 24.7437, -49.8224



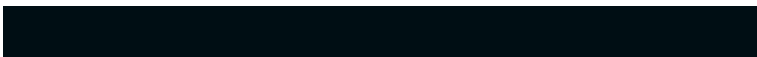
118.5570, 25.3614, -14.5205



80.4340, 1.7580, -3.8886



77.9200, 34.5494, -68.3358



10.4980, 4.6845, -9.2067

Inverse Universe

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



127.8040, 10.9426, 37.0059



155.6570, 17.4241, 58.1828



153.4430, -25.3614, 14.5205



79.0760, 1.4415, 4.3183



56.1080, 23.6108, 80.5893



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 137.9280, 15.8115, -31.5089 looks on a white background.

Color Contrast Check

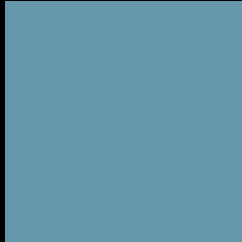
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9280, 15.8115, -31.5089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

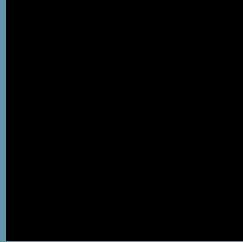
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.9280, 15.8115, -31.5089

Background



This preview shows how black text looks on a background with the YUV color 137.9280, 15.8115, -31.5089.



This preview shows how white text looks on a background with the YUV color 137.9280, 15.8115, -31.5089.

-31.5089.

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

137.9280, 15.8115, -31.5089

Protanopia

143.6110, 10.0518, -4.0438

Deuteranopia

144.2460, 13.6827, -1.9697



Tritanopia

137.1190, 12.7593, -32.5534

Trichromacy



Original Color

137.9280, 15.8115, -31.5089

Protanomaly

141.7130, 11.9735, -13.7803

Deuteranomaly

141.9950, 14.2995, -13.1506

Tritanomaly

137.7600, 13.9223, -32.2385

Monochromacy



Original Color

137.9280, 15.8115, -31.5089

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8290, 6.0003, -11.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9280, 15.8115, -31.5089 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(102, 150, 170)` looks like.

```
.text, #text, p{  
    color:rgb(102, 150, 170)  
}
```

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(102, 150, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 150, 170) }
```

Border

The CSS property to change the border of an element to YUV 137.9280, 15.8115, -31.5089 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(102, 150, 170) }
```


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

```
.border{ border-color:rgb(102, 150, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 150, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 150, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 150, 170);  
box-shadow:4px 4px 4px 4px rgb(102, 150,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 137.9280, 15.8115, -31.5089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 150, 170) }
```

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

```
.background{ background-color: rgb(102,  
150, 170) }
```

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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