

Converting Colors

YUV(137.0420, 16.2483,
-31.6088)

Have a look what the booklet for
YUV(137.0420, 16.2483, -31.6088)
contains.

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Color

**YUV(137.0420, 16.2483,
-31.6088)**

Conversions

Conversions Part 1

Format	Color
Hex	6595AA
RGB	101, 149, 170
RGB Percent	40%, 58%, 67%
CMY	0.6039, 0.4157, 0.3333
CMYK	0.41, 0.12, 0.00, 0.33
HSL	198°, 29%, 53%
HSV	198°, 41%, 67%
XYZ	23.3700, 27.1639, 42.0416
YIQ	137.0420, -35.3490, -3.6450

Conversions

Conversions Part 2

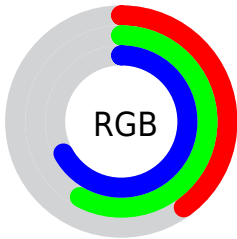
Format	Color
RYB	101, 129, 170
Decimal	6657450
CIELab	59.13, -10.58, -16.11
CIElCh	59, 19.272, 236.709
Yxy	27.1639, 0.2524, 0.2934
Android (android.graphics.Color)	4284847530 (0xFF6595AA)
YUV	137.0420, 16.2483, -31.6088
Hunter-Lab	52.1190, -11.1694, -11.3428

Details

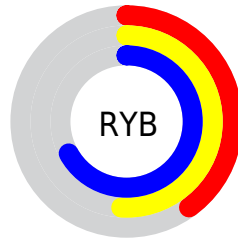
The YUV color **137.0420, 16.2483, -31.6088** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **133.9580, -16.2483, 31.6088**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1560, 16.6851, -31.7088**, and **85.6290, 15.9589, -32.1236** is the 20% darker color. If you saturate the color by 10%, you get **129.0240, 20.2012, -39.4860**, and if you desaturate by 10%, it is **145.0600, 12.2954, -23.7316**.

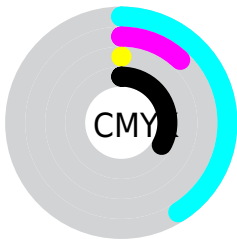
Distribution



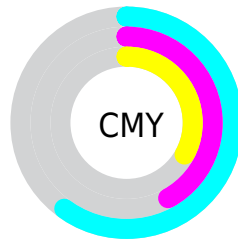
- Red (40%)
- Green (58%)
- Blue (67%)



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



- Cyan (41%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.0420, 16.2483, -31.6088 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 137.0420, 16.2483, -31.6088 by changing the saturation by 10% instead.

■ 137.0420, 16.2483,
-31.6088

■ 137.0420, 16.2483,
-31.6088

■ 255.0000, 0.0000,
0.0000

■ 110.9280, 15.8115,
-31.5089

■ 191.1560, 16.6851,
-31.7088

■ 85.6290, 15.9589,
-32.1236

■ 218.9710, 17.2693,
-32.4236

■ 59.7210, 16.4065,
-35.7123

■ 241.8440, 6.4859,
-27.0502

■ 38.3900, 15.0907,
-33.6680

■ 250.5150, 2.2111,
-9.2217

■ 23.5550, 11.5584,
-20.6577

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 137.0420, 16.2483,
-31.6088

■ 137.0420, 16.2483,
-31.6088

■ 129.0240, 20.2012,
-39.4860

■ 145.0600, 12.2954,
-23.7316

■ 121.0060, 24.1540,
-47.3633

■ 153.0780, 8.3425,
-15.8544

■ 112.4010, 28.3963,
-54.7257

■ 161.6830, 4.1003,
-8.4920

■ 104.3830, 32.3492,
-62.6029

■ 169.7010, 0.1474,
-0.6148

■ 96.3650, 36.3021,
-70.4801

■ 177.7190, -3.8055,
7.2624

■ 88.6460, 40.1075,
-77.7425

■ 185.7370, -7.7583,
15.1397

■ 193.7550,
-11.7112, 23.0169

■ 201.7730,
-15.6641, 30.8941

■ 210.3780,
-19.9064, 38.2565

Harmonies

Analogous

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



135.5270, 10.5862, -35.5422



137.0420, 16.2483, -31.6088



140.4720, 17.5153, -17.9539

Triad

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



137.0420, 16.2483, -31.6088



145.1650, -0.0813, 26.1653



140.0310, -13.8193, -0.9042

Complementary

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



137.0420, 16.2483, -31.6088



133.9580, -16.2483, 31.6088

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.



142.1360, -16.3360, 13.0357



137.0420, 16.2483, -31.6088



144.4120, -8.0911, 28.5797

Square

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



137.0420, 16.2483, -31.6088



144.8630, 7.9555, 15.0291



143.4840, -14.0426, 24.1315



137.6530, -7.2239, -16.3587

Rectangle

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



137.0420, 16.2483, -31.6088



142.9680, 15.2988, -6.9879



143.4840, -14.0426, 24.1315



140.4230, -14.9985, 4.0140

Sweetspot

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



137.0420, 16.2483, -31.6088



209.2310, 6.2951, -12.4806



143.8970, -10.7952, -37.6207



104.2810, 3.8055, -7.2624



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.



137.0420, 16.2483, -31.6088



170.0380, 25.6173, -50.0223



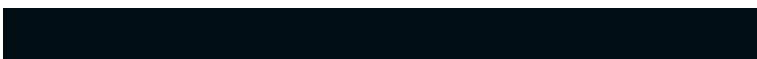
117.0840, 26.0876, -14.1057



80.4340, 1.7580, -3.8886



77.3330, 34.8388, -67.8210



10.4980, 4.6845, -9.2067

Inverse Universe

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



127.1030, 10.7952, 37.6207



154.2550, 17.1293, 59.4124



153.9160, -26.0876, 14.1057



79.0760, 1.4415, 4.3183



55.9940, 23.1740, 80.6893



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 137.0420, 16.2483, -31.6088 looks on a white background.

Color Contrast Check

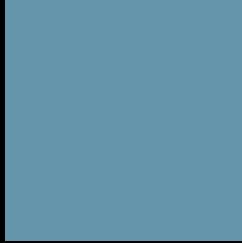
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.0420, 16.2483, -31.6088 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

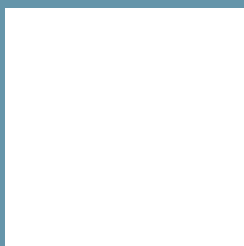
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.0420, 16.2483, -31.6088

Background



This preview shows how black text looks on a background with the YUV color 137.0420, 16.2483, -31.6088.



This preview shows how white text looks on a background with the YUV color 137.0420, 16.2483, -31.6088.

-31.6088.

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

137.0420, 16.2483, -31.6088

Protanopia

142.4260, 10.6360, -4.7586

Deuteranopia

143.0610, 14.2669, -2.6845



Tritanopia

136.1190, 12.7593, -32.5534

Trichromacy



Original Color

137.0420, 16.2483, -31.6088

Protanomaly

140.5280, 12.5577, -14.4951

Deuteranomaly

141.1090, 14.7363, -13.2506

Tritanomaly

136.7600, 13.9223, -32.2385

Monochromacy



Original Color

137.0420, 16.2483, -31.6088

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8290, 6.0003, -11.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.0420, 16.2483, -31.6088 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(101, 149, 170)` looks like.

```
.text, #text, p{  
    color:rgb(101, 149, 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(101, 149, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 149, 170) }
```

Border

The CSS property to change the border of an element to YUV 137.0420, 16.2483, -31.6088 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(101, 149, 170) }
```


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

```
.border{ border-color:rgb(101, 149, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 149, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 149, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 149, 170);  
box-shadow:4px 4px 4px 4px rgb(101, 149,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 137.0420, 16.2483, -31.6088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 149, 170) }
```

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

```
.background{ background-color: rgb(101,  
149, 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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