

Converting Colors

YUV(104.6010, -31.8483,
-4.9121)

Have a look what the booklet for
YUV(104.6010, -31.8483, -4.9121)
contains.

YUV(104.6010, -31.8483, -4.9121)	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(104.6010, -31.8483,
-4.9121)**

Conversions

Conversions Part 1

Format	Color
Hex	637828
RGB	99, 120, 40
RGB Percent	39%, 47%, 16%
CMY	0.6118, 0.5294, 0.8431
CMYK	0.18, 0.00, 0.67, 0.53
HSL	76°, 50%, 31%
HSV	76°, 67%, 47%
XYZ	12.2451, 16.2388, 4.4965
YIQ	104.6010, 13.1640, -29.3320

Conversions

Conversions Part 2

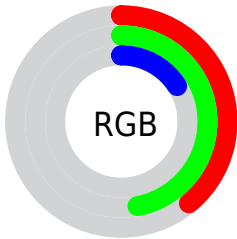
Format	Color
RYB	40, 120, 61
Decimal	6518824
CIELab	47.29, -20.26, 39.98
CIELCh	47, 44.822, 116.868
Yxy	16.2388, 0.3713, 0.4924
Android (android.graphics.Color)	4284708904 (0xFF637828)
YUV	104.6010, -31.8483, -4.9121
Hunter-Lab	40.2974, -16.2801, 21.5924

Details

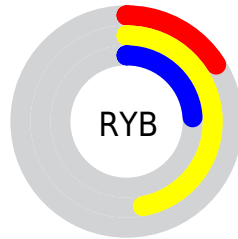
The YUV color **104.6010, -31.8483, -4.9121** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **55.3990, 31.8483, 4.9121**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.5580, -33.3061, -3.9974**, and **56.3280, -27.7697, -6.4267** is the 20% darker color. If you saturate the color by 10%, you get **102.3360, -36.6476, -5.5567**, and if you desaturate by 10%, it is **106.8660, -27.0489, -4.2675**.

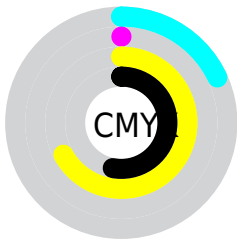
Distribution



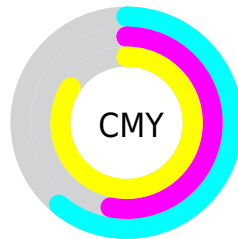
- Red (39%)
- Green (47%)
- Blue (16%)



- Red (16%)
- Yellow (47%)
- Blue (24%)



- Cyan (18%)
- Magenta (0%)
- Yellow (67%)
- Black (53%)



- Cyan (61%)
- Magenta (53%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6010, -31.8483, -4.9121 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 104.6010, -31.8483, -4.9121 by changing the saturation by 10% instead.

■ 104.6010,
-31.8483, -4.9121

■ 104.6010,
-31.8483, -4.9121

■ 255.0000, 0.0000,
0.0000

■ 79.4870, -32.2851,
-4.8121

■ 156.5580,
-33.3061, -3.9974

■ 56.3280, -27.7697,
-6.4267

■ 184.0310,
-34.0323, -4.4122

■ 36.2380, -17.8653,
-9.8557

■ 211.8030,
-34.9059, -4.2122

■ 17.0230, -8.3923,
-14.9292

■ 239.4010,
-35.2007, -2.9827

■ 0.0000, 0.0000,
0.0000

■ 248.2740,
-25.7711, 5.8987

■ 251.4660,

-13.5407, 3.0993

254.7720, -0.8736,
0.2000

■ 104.6010,
-31.8483, -4.9121

■ 104.6010,
-31.8483, -4.9121

■ 102.3360,
-36.6476, -5.5567

■ 106.8660,
-27.0489, -4.2675

■ 100.0710,
-41.4470, -6.2013

■ 109.1310,
-22.2496, -3.6229

■ 97.8060, -46.2464,
-6.8459

■ 111.3960,
-17.4502, -2.9783

■ 97.0510, -47.8461,
-7.0607

■ 113.9600,
-12.7983, -1.7189

■ 116.2250, -7.9989,
-1.0743

■ 118.4900, -3.1996,
-0.4297

■ 120.7550, 1.5998,
0.2149

■ 123.0200, 6.3991,
0.8595

■ 125.2850, 11.1985,
1.5041

Harmonies

Analogous

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



108.1810, -38.0502, 24.3973



104.6010, -31.8483, -4.9121



96.7670, -13.6891, -42.7687

Triad

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



104.6010, -31.8483, -4.9121



93.9120, 39.9764, -82.3608



112.4600, 2.7312, 57.4786

Complementary

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



104.6010, -31.8483, -4.9121



55.3990, 31.8483, 4.9121

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.



115.2580, 19.0998, 33.9767



104.6010, -31.8483, -4.9121



90.5840, 47.5331, -79.4422

Square

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



104.6010, -31.8483, -4.9121



92.8400, 25.7149, -81.4207



113.2620, 32.9018, -6.3688



110.4870, -15.0301, 60.9629

Rectangle

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



104.6010, -31.8483, -4.9121



87.0260, 3.4382, -76.3218



113.2620, 32.9018, -6.3688



113.5070, 8.1310, 52.1754

Sweetspot

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



104.6010, -31.8483, -4.9121



149.6610, -12.6509, -2.3337



75.6600, -17.5804, 38.8862



75.3390, -7.5621, -1.1743



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



104.6010, -31.8483, -4.9121



131.8830, -49.7353, -7.7904



92.9400, -26.0994, -28.8884



60.0170, -2.4734, -0.0149



100.8830, -49.7353, -7.7904



203.5380, -100.3442, -15.3808

Inverse Universe

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



55.3990, 31.8483, 4.9121



55.1170, 49.7353, 7.7904



67.0600, 26.0994, 28.8884



56.2820, 2.3260, 0.6297



24.1170, 49.7353, 7.7904



48.4620, 100.3442, 15.3808

Previews

White Background



This preview shows how the YUV color 104.6010, -31.8483, -4.9121 looks on a white 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

Black Background



This preview shows how the YUV color 104.6010, -31.8483, -4.9121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

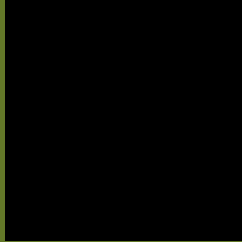
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.6010, -31.8483, -4.9121 Background



This preview shows how black text looks on a background with the YUV color 104.6010, -31.8483, -4.9121.



This preview shows how white text looks on a background with the YUV color 104.6010, -31.8483, -4.9121.

-4.9121.

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

104.6010, -31.8483, -4.9121

Protanopia

107.4510, -34.2393, 15.3905

Deuteranopia

108.9130, -31.5091, 26.3863



Tritanopia

111.8300, 4.5208, -3.3589

Trichromacy



Original Color

104.6010, -31.8483, -4.9121

Protanomaly

106.6350, -33.3441, 8.2131

Deuteranomaly

107.1350, -31.6186, 14.7906

Tritanomaly

109.3880, -8.5723, -3.8483

Monochromacy



Original Color

104.6010, -31.8483, -4.9121

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.6010, -11.6353, -1.4041

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6010, -31.8483, -4.9121 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(99, 120, 40)` looks like.

```
.text, #text, p{  
    color:rgb(99, 120, 40)  
}
```

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(99, 120, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 120, 40) }
```

Border

The CSS property to change the border of an element to YUV 104.6010, -31.8483, -4.9121 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(99, 120, 40) }
```


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

```
.border{ border-color:rgb(99, 120, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 120, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 120, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 120, 40);  
box-shadow:4px 4px 4px 4px rgb(99, 120,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 104.6010, -31.8483, -4.9121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 120, 40) }
```

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

```
.background{ background-color: rgb(99, 120,  
40) }
```

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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