

Converting Colors

YUV(130.6170, -9.6712,
-71.5781)

Have a look what the booklet for
YUV(130.6170, -9.6712, -71.5781)
contains.

YUV(130.6170, -9.6712, -71.5781)	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(130.6170, -9.6712,
-71.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	31B06F
RGB	49, 176, 111
RGB Percent	19%, 69%, 44%
CMY	0.8078, 0.3098, 0.5647
CMYK	0.72, 0.00, 0.37, 0.31
HSL	149°, 56%, 44%
HSV	149°, 72%, 69%
XYZ	19.6612, 32.8513, 20.3436
YIQ	130.6170, -54.8270, -47.1390

Conversions

Conversions Part 2

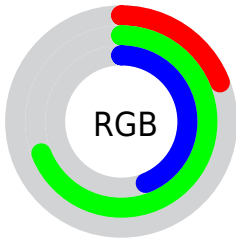
Format	Color
RYB	49, 134, 176
Decimal	3256431
CIELab	64.04, -49.30, 23.66
CIELCh	64, 54.681, 154.357
Yxy	32.8513, 0.2699, 0.4509
Android (android.graphics.Color)	4281446511 (0xFF31B06F)
YUV	130.6170, -9.6712, -71.5781
Hunter-Lab	57.3161, -39.0721, 19.0770

Details

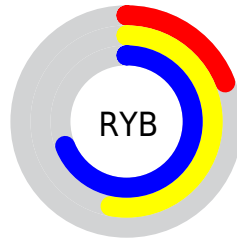
The YUV color **130.6170, -9.6712, -71.5781** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **94.3830, 9.6712, 71.5781**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.8410, -12.7396, -67.3896**, and **78.6820, -8.2242, -69.0041** is the 20% darker color. If you saturate the color by 10%, you get **124.2090, -10.9490, -81.7443**, and if you desaturate by 10%, it is **137.0250, -8.3933, -61.4119**.

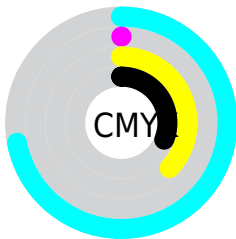
Distribution



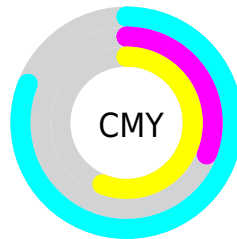
- Red (19%)
- Green (69%)
- Blue (44%)



- Red (19%)
- Yellow (53%)
- Blue (69%)



- Cyan (72%)
- Magenta (0%)
- Yellow (37%)
- Black (31%)



- Cyan (81%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.6170, -9.6712, -71.5781 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 130.6170, -9.6712, -71.5781 by changing the saturation by 10% instead.

■ 130.6170, -9.6712,
-71.5781

■ 130.6170, -9.6712,
-71.5781

■ 255.0000, 0.0000,
0.0000

■ 97.2670, -5.5546,
-85.3032

■ 188.8410,
-12.7396, -67.3896

■ 78.6820, -8.2242,
-69.0041

■ 213.8030,
-11.7349, -62.9712

■ 60.9120, -10.3096,
-53.4198

■ 225.6660, -3.7793,
-47.9421

■ 43.7290, -12.6844,
-38.3503

■ 237.6430, 4.6130,
-33.0129

■ 28.1760, -13.8908,
-24.7104

■ 247.5250, 3.6852,
-15.3694

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,

0.0000

■ 130.6170, -9.6712,
-71.5781

■ 130.6170, -9.6712,
-71.5781

■ 124.2090,
-10.9490, -81.7443

■ 137.0250, -8.3933,
-61.4119

■ 118.1000,
-12.3743, -91.2957

■ 143.1340, -6.9681,
-51.8605

■ 113.1160,
-13.3682, -99.2027

■ 149.5420, -5.6902,
-41.6943

■ 155.6510, -4.2649,
-32.1429

■ 162.0590, -2.9871,
-21.9767

■ 168.4670, -1.7092,
-11.8106

■ 174.5760, -0.2840,
-2.2592

■ 180.9840, 0.9939,
7.9070

■ 187.0930, 2.4192,
17.4584

Harmonies

Analogous

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



143.9710, -36.4677, -16.6376



130.6170, -9.6712, -71.5781



123.4270, 18.5235, -108.2455

Triad

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



130.6170, -9.6712, -71.5781



142.1050, 54.1782, -64.1131



153.3550, -24.8250, 75.9877

Complementary

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



130.6170, -9.6712, -71.5781



94.3830, 9.6712, 71.5781

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.



155.2130, -2.5700, 77.8662



130.6170, -9.6712, -71.5781



158.4300, 38.2420, 7.5159

Square

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



130.6170, -9.6712, -71.5781



128.0790, 56.6561, -112.3253



158.7920, 19.3295, 53.6794



152.2280, -42.5104, 55.0510

Rectangle

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



130.6170, -9.6712, -71.5781



127.1890, 32.9378, -111.5448



158.7920, 19.3295, 53.6794



153.9130, -17.7051, 79.0063

Sweetspot

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



130.6170, -9.6712, -71.5781



211.7870, -3.8390, -28.7542



143.2830, -46.4815, -24.8042



104.2060, -2.5666, -16.8437



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



130.6170, -9.6712, -71.5781



158.4580, -15.5088, -112.6577



137.7990, 17.8471, -77.8767



85.8530, -0.4205, -5.1331



98.3610, -11.5170, -86.2626



16.6300, -2.2826, -14.5845

Inverse Universe

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



94.3830, 9.6712, 71.5781



101.4280, 15.0720, 112.7576



87.2010, -17.8471, 77.8767



83.2610, 0.8573, 5.0331



54.6390, 11.5170, 86.2626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 130.6170, -9.6712, -71.5781 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 130.6170, -9.6712, -71.5781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

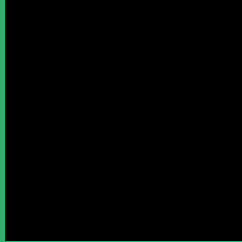
Any Text WCAG AA ✓ Pass

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 130.6170, -9.6712, -71.5781 Background



This preview shows how black text looks on a background with the YUV color 130.6170, -9.6712, -71.5781.



This preview shows how white text looks on a background with the YUV color 130.6170, -9.6712, -71.5781.

-71.5781.

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

130.6170, -9.6712, -71.5781

Protanopia

151.9590, -24.6298, 13.1910

Deuteranopia

154.3330, -18.4052, 23.3870



Tritanopia

142.2730, 19.0924, -57.2444

Trichromacy



Original Color

130.6170, -9.6712, -71.5781



Protanomaly

144.1400, -19.2960, -17.6628



Deuteranomaly

145.6230, -15.0971, -11.0704



Tritanomaly

138.1940, 8.7784, -62.4371

Monochromacy



Original Color

130.6170, -9.6712, -71.5781



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

130.6240, -3.2656, -25.9802

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.6170, -9.6712, -71.5781 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(49, 176, 111)` looks like.

```
.text, #text, p{  
    color:rgb(49, 176, 111)  
}
```

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(49, 176, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 176, 111) }
```

Border

The CSS property to change the border of an element to YUV 130.6170, -9.6712, -71.5781 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(49, 176, 111) }
```


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

```
.border{ border-color:rgb(49, 176, 111) }
```

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

Here you see how a box with a 4 pixel rgb(49, 176, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 176, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 176, 111);  
box-shadow:4px 4px 4px 4px rgb(49, 176,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 130.6170, -9.6712, -71.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 176, 111) }
```

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

```
.background{ background-color: rgb(49, 176,  
111) }
```

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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