

Converting Colors

YUV(171.9600, -29.5603,
7.9281)

Have a look what the booklet for
YUV(171.9600, -29.5603, 7.9281)
contains.

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Color

**YUV(171.9600, -29.5603,
7.9281)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B370
RGB	181, 179, 112
RGB Percent	71%, 70%, 44%
CMY	0.2902, 0.2980, 0.5608
CMYK	0.00, 0.01, 0.38, 0.29
HSL	58°, 32%, 57%
HSV	58°, 38%, 71%
XYZ	38.1008, 43.2338, 21.6661
YIQ	171.9600, 22.6990, -20.4130

Conversions

Conversions Part 2

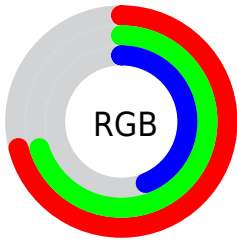
Format	Color
RYB	114, 181, 112
Decimal	11907952
CIELab	71.71, -9.41, 34.47
CIElCh	72, 35.728, 105.266
Yxy	43.2338, 0.3699, 0.4197
Android (android.graphics.Color)	4290098032 (0xFFB5B370)
YUV	171.9600, -29.5603, 7.9281
Hunter-Lab	65.7524, -11.6334, 26.4901

Details

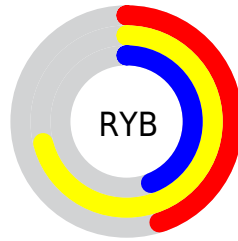
The YUV color **171.9600, -29.5603, 7.9281** is a light color, and the websafe version is hex **999966**. A complement of this color would be **121.0400, 29.5603, -7.9281**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9170, -31.0181, 8.8428**, and **119.1170, -27.6657, 6.9134** is the 20% darker color. If you saturate the color by 10%, you get **169.3210, -37.1333, 10.2425**, and if you desaturate by 10%, it is **174.5990, -21.9873, 5.6137**.

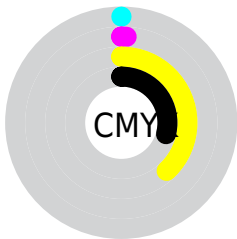
Distribution



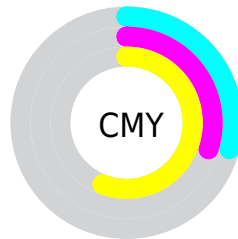
- Red (71%)
- Green (70%)
- Blue (44%)



- Red (45%)
- Yellow (71%)
- Blue (44%)



- Cyan (0%)
- Magenta (1%)
- Yellow (38%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.9600, -29.5603, 7.9281 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 171.9600, -29.5603, 7.9281 by changing the saturation by 10% instead.

■ 171.9600,
-29.5603, 7.9281

■ 171.9600,
-29.5603, 7.9281

■ 255.0000, 0.0000,
0.0000

■ 145.1880,
-28.6867, 7.7281

■ 227.9170,
-31.0181, 8.8428

■ 119.1170,
-27.6657, 6.9134

■ 247.8180,
-27.5183, 6.2986

■ 94.5190, -27.3709,
5.6838

■ 251.0100,
-15.2879, 3.4992

■ 70.2200, -27.2235,
5.0691

■ 254.3160, -2.6208,
0.5999

■ 47.8330, -23.5817,
3.6545

■ 28.3300, -13.9667,
-0.2894

■ 7.0440, -3.4727,

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 171.9600,
-29.5603, 7.9281

■ 171.9600,
-29.5603, 7.9281

■ 169.3210,
-37.1333, 10.2425

■ 174.5990,
-21.9873, 5.6137

■ 167.2690,
-44.9956, 12.0421

■ 176.6510,
-14.1249, 3.8141

■ 164.6300,
-52.5686, 14.3565

■ 179.2900, -6.5520,
1.4997

■ 162.5780,
-60.4310, 16.1561

■ 181.3420, 1.3104,
-0.2999

■ 159.8250,
-68.4407, 18.5705

■ 184.0950, 9.3202,
-2.7143

■ 157.7730,
-76.3031, 20.3701

■ 186.1470, 17.1825,
-4.5139

■ 157.4310,
-77.6135, 20.6700

■ 188.7860, 24.7555,
-6.8283

■ 190.6100, 31.7443,
-8.4280

■ 191.1970, 31.4549,
-8.9428

Harmonies

Analogous

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



174.8860, -30.5098, 32.5490



171.9600, -29.5603, 7.9281



167.5310, -18.9958, -20.6367

Triad

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



171.9600, -29.5603, 7.9281



155.2510, 32.4143, -83.5351



180.2840, 6.2690, 42.7239

Complementary

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



171.9600, -29.5603, 7.9281



121.0400, 29.5603, -7.9281

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.



179.9140, 20.7484, 18.4924



171.9600, -29.5603, 7.9281



166.2360, 35.3797, -54.5810

Square

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



171.9600, -29.5603, 7.9281



154.9130, 18.2839, -77.9767



175.3270, 30.8978, -16.9498



178.6370, -9.1880, 53.8154

Rectangle

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



171.9600, -29.5603, 7.9281



164.1570, -8.4584, -40.4797



175.3270, 30.8978, -16.9498



180.6190, 11.5268, 36.2911

Sweetspot

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



171.9600, -29.5603, 7.9281



231.4490, -11.0674, 3.1142



132.8590, -9.2975, 42.2197



115.2900, -6.5520, 1.4997



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



171.9600, -29.5603, 7.9281



220.3400, -46.0166, 12.8568



163.5660, -25.4220, -12.7744



87.9740, -3.9312, 0.8998



133.2100, -65.6725, 17.3558



22.4490, -11.0674, 3.1142

Inverse Universe

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



121.0400, 29.5603, -7.9281



141.0730, 46.3060, -12.3420



129.4340, 25.4220, 12.7744



81.6130, 3.6418, -1.4146



19.7900, 65.6725, -17.3558



3.5510, 11.0674, -3.1142

Previews

White Background



This preview shows how the YUV color 171.9600, -29.5603, 7.9281 looks on a white background.

Color Contrast Check

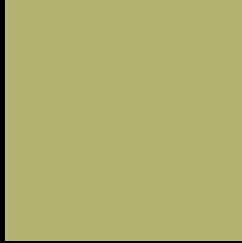
Large Text (above 18pt) WCAG AA × Fail

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 171.9600, -29.5603, 7.9281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

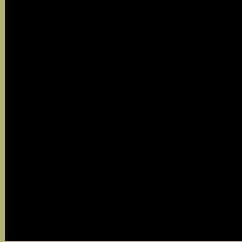
Any Text WCAG AA ✓ Pass

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 171.9600, -29.5603, 7.9281 Background



This preview shows how black text looks on a background with the YUV color 171.9600, -29.5603, 7.9281.



This preview shows how white text looks on a background with the YUV color 171.9600, -29.5603, 7.9281.

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

171.9600, -29.5603, 7.9281

Protanopia

173.0750, -30.6030, 15.7202

Deuteranopia

174.7010, -29.9256, 31.8342



Tritanopia

177.2770, 3.3144, 10.2811

Trichromacy



Original Color

171.9600, -29.5603, 7.9281

Protanomaly

172.4660, -30.3027, 12.7463

Deuteranomaly

173.6460, -29.8985, 23.1125

Tritanomaly

175.1770, -8.4683, 9.4918

Monochromacy



Original Color

171.9600, -29.5603, 7.9281

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1500, -10.9199, 2.4995

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9600, -29.5603, 7.9281 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(181, 179, 112)` looks like.

```
.text, #text, p{  
    color:rgb(181, 179, 112)  
}
```

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(181, 179, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 179, 112) }
```

Border

The CSS property to change the border of an element to YUV 171.9600, -29.5603, 7.9281 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(181, 179, 112) }
```


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

```
.border{ border-color:rgb(181, 179, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 179, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 179, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 179, 112); box-shadow:4px 4px 4px 4px rgb(181, 179, 112) }
```

Background

The CSS property to change the background color of an element to YUV 171.9600, -29.5603, 7.9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 179, 112) }
```

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

```
.background{ background-color: rgb(181,  
179, 112) }
```

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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